最終報告書

表　　題：ポリ (オキシメチレン) のラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号：SR20234

株式会社化合物安全性研究所

試験責任者の署名

表　　題：ポリ (オキシメチレン) のラットにおける反復投与毒性･生殖発生毒性併合試験

試験番号：SR20234

株式会社化合物安全性研究所

試験責任者 [redacted] 2021 年 3 月 19 日

陳述書

表　　題：ポリ (オキシメチレン) のラットにおける反復投与毒性･生殖発生毒性併合試験
試験番号：SR20234

本試験は, GLP 基準「新規化学物質等に係る試験を実施する試験施設に関する基準について」(平成 23 年 3 月 31 日 薬食発 0331 第 8 号・平成 23･03･29 製局第 6 号・環保企発第 110331010 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) を遵守して実施した.
本試験に用いた試験方法は, 試験法ガイドライン「新規化学物質等に係る試験の方法について」(平成 23 年 3 月 31 日薬食発 0331 第 7 号･平成 23･03･29 製局第 5 号･環保企発第 110331009 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) ならびに不正競争防止法等の一部を改正する法律及び元号を改める政令の施行に伴う化学物質の審査及び製造等の規制に関する法律関係の通知の整備について (令和元年 7 月 1 日薬生発 0701 第 1 号･20190619 製局第 2 号・環保企発第 1907011 号 厚生労働省医薬・生活衛生局長・経済産業省製造産業局長・環境省大臣官房環境保健部長連名通知) に準拠した.

株式会社化合物安全性研究所
試験責任者 [redacted] 2021 年 3 月 19 日

信頼性保証書

表題　　：ポリ (オキシメチレン) のラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号　：SR20234

本試験は，株式会社化合物安全性研究所 QAU によって，下記のとおり査察された．

査察段階	査察日	試験責任者への報告日	運営管理者への報告日
試験計画書	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
コンピュータプロトコール	2020 年11 月 17 日	2020 年11 月 17 日	2020 年11 月 17 日
被験物質の管理	2020 年12 月　2 日	2020 年12 月　2 日	2020 年12 月　2 日
被験物質のサンプリング	2020 年12 月　2 日	2020 年12 月　2 日	2020 年12 月　2 日
投与液の調製	2020 年12 月　2 日	2020 年12 月　2 日	2020 年12 月　2 日
投与	2020 年12 月　9 日	2020 年12 月　9 日	2020 年12 月　9 日
性周期検査	2020 年12 月　9 日	2020 年12 月　9 日	2020 年12 月　9 日
生殖能検査 (交配)	2020 年12 月 22 日 2020 年12 月 23 日	2020 年12 月 23 日	2020 年12 月 23 日
尿検査	2021 年 1 月　3 日 2021 年 1 月　4 日	2021 年 1 月　4 日	2021 年 1 月　4 日
採血	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
血液学的検査	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
血液化学的検査	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
剖検・器官重量測定	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
分娩および哺育状態観察	2021 年 1 月 14 日	2021 年 1 月 14 日	2021 年 1 月 14 日
新生児の一般状態観察	2021 年 1 月 14 日	2021 年 1 月 14 日	2021 年 1 月 14 日
新生児の体重測定	2021 年 1 月 14 日	2021 年 1 月 14 日	2021 年 1 月 14 日
哺育児数の調整	2021 年 1 月 18 日	2021 年 1 月 18 日	2021 年 1 月 18 日
肛門生殖突起間距離の計測	2021 年 1 月 18 日	2021 年 1 月 18 日	2021 年 1 月 18 日
病理組織学的検査 (標本作製)	2021 年 1 月 14 日 2021 年 1 月 18 日 2021 年 1 月 25 日	2021 年 1 月 25 日	2021 年 1 月 25 日
乳頭数の計測	2021 年 1 月 27 日	2021 年 1 月 27 日	2021 年 1 月 27 日
新生児の血清採取	2021 年 1 月 27 日	2021 年 1 月 27 日	2021 年 1 月 27 日
新生児の剖検	2021 年 1 月 27 日	2021 年 1 月 27 日	2021 年 1 月 27 日
血液化学的検査	2021 年 2 月　1 日	2021 年 2 月　1 日	2021 年 2 月　1 日
病理組織学的検査 (鏡検)	2021 年 2 月　4 日	2021 年 2 月　4 日	2021 年 2 月　4 日
試験計画書変更書 (No.1)	2021 年 2 月 22 日	2021 年 2 月 22 日	2021 年 2 月 22 日
生データ	2021 年 3 月 12 日 2021 年 3 月 13 日 2021 年 3 月 15 日	2021 年 3 月 15 日	2021 年 3 月 15 日

査察段階	査察日	試験責任者への報告日	運営管理者への報告日
最終報告書 (草案)：図表	2021 年 3 月 12 日 2021 年 3 月 13 日 2021 年 3 月 15 日	2021 年 3 月 15 日	2021 年 3 月 15 日
最終報告書 (草案)：本文	2021 年 3 月 13 日 2021 年 3 月 15 日	2021 年 3 月 15 日	2021 年 3 月 15 日
生データ*	2021 年 3 月 17 日	2021 年 3 月 17 日	2021 年 3 月 17 日
最終報告書 (草案)：本文*	2021 年 3 月 18 日	2021 年 3 月 18 日	2021 年 3 月 18 日
最終報告書	2021 年 3 月 19 日	2021 年 3 月 19 日	2021 年 3 月 19 日

*：改善内容の確認

プロセス調査による査察段階	査察日	試験責任者への報告日	運営管理者への報告日
動物受入・検疫・馴化	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
群分け	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
一般状態観察	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
詳細な状態観察	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
機能検査	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
体重測定	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日
摂餌量測定	2020 年11 月 16 日	2020 年11 月 16 日	2020 年11 月 16 日

本試験は，「新規化学物質等に係る試験を実施する試験施設に関する基準について」(平成 23 年 3 月 31 日 薬食発 0331 第 8 号・平成 23・03・29 製局第 6 号・環保企発第 110331010 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) に従い実施された.

本試験は，試験計画書に従って実施され，また，本報告書には当該試験に使用した方法および手順が正確に記載されており，試験成績には当該試験の実施過程において得られた生データが正確に反映していることを確認した.

株式会社化合物安全性研究所

QAU 責任者 [redacted] 2021 年 3 月 19 日

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表題

ポリ (オキシメチレン) のラットにおける反復投与毒性･生殖発生毒性併合試験

試験番号

SR20234

試験目的

ポリ (オキシメチレン) を雌雄ラットに反復経口投与してその毒性ならびに性腺機能，交尾行動，受胎および分娩等の生殖に及ぼす毒性を検討した．加えて，28 日間の反復投与終了後 14 日間の休薬による毒性の回復性についても検討した．

試験実施基準および試験法ガイドライン

試験実施基準 (GLP) :「新規化学物質等に係る試験を実施する試験施設に関する基準について」(平成 23 年 3 月 31 日 薬食発 0331 第 8 号・平成 23･03･29 製局第 6 号・環保企発第 110331010 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知)

試験法ガイドライン :「新規化学物質等に係る試験の方法について」(平成 23 年 3 月 31 日薬食発 0331 第 7 号・平成 23･03･29 製局第 5 号・環保企発第 110331009 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) ならびに不正競争防止法等の一部を改正する法律及び元号を改める政令の施行に伴う化学物質の審査及び製造等の規制に関する法律関係の通知の整備について (令和元年 7 月 1 日 薬生発 0701 第 1 号･20190619 製局第 2 号･環保企発第 1907011 号 厚生労働省医薬・生活衛生局長・経済産業省製造産業局長・環境省大臣官房環境保健部長連名通知)

動物愛護

法規および基準等 :「動物の愛護及び管理に関する法律」(昭和 48 年 10 月 1 日 法律第 105 号，最終改正 令和元年 6 月 19 日 法律第 39 号)

「実験動物の飼養及び保管並びに苦痛の軽減に関する基準」(平成 18 年 4 月 28 日 環境省告示第 88 号，最終改正 平成 25 年 8 月 30 日 環境省告示第 84 号)

「動物実験に関する指針」(昭和 62 年 5 月 22 日承認 社団法人日本実

験動物学会)
「厚生労働省の所管する実施機関における動物実験等の実施に関する基本指針について」(平成 18 年 6 月 1 日 科発 0601001 号, 最終改正 平成 27 年 2 月 20 日 科発 0220 第 1 号)

動物実験倫理 : 本試験は，動物実験の必要性および苦痛の軽減等について試験施設の動物実験倫理委員会により審議され，運営管理者の承認を得ており，試験施設の動物実験倫理規定に準拠して実施した.

試験委託者

名称 : 厚生労働省 医薬・生活衛生局

所在地 : 東京都千代田区霞が関 1-2-2 (〒100-8916)

担当者 : 医薬品審査管理課化学物質安全対策室

[redacted]

試験施設

名称 : 株式会社化合物安全性研究所

所在地 : 札幌市清田区真栄 363 番 24 (〒004-0839)

運営管理者 : [redacted]

試験責任者

氏名 [redacted]

所属 : 株式会社化合物安全性研究所 安全性研究部

試験従事者およびその業務分担

被験物質の調製 : [redacted]

検疫・馴化 :

投与・観察・測定 :

臨床検査 :

病理検査　　：[redacted]

試験日程

試験開始日　　：2020 年 11 月 16 日

動物受入　　：2020 年 11 月 18 日

群分け　　：2020 年 12 月 8 日

投与開始 (実験開始)　：2020 年 12 月 9 日

交配開始　　：2020 年 12 月 22 日

雄動物およびサテライト群雌動物投与終了：

2021 年　1 月　5 日

雄動物およびサテライト群雌動物 (投与終了時剖検例) 剖検：

2021 年　1 月　6 日

母動物分娩開始　　：2021 年　1 月 14 日

生後 4 日児数調整開始：2021 年　1 月 18 日

サテライト群雄および雌動物 (回復終了時剖検例) 剖検：

2021 年　1 月 20 日

生後 13 日新生児剖検開始：

2021 年　1 月 27 日

母動物剖検開始　　：2021 年　1 月 28 日 (最終剖検 2 月 8 日)

実験終了日　　：2021 年　2 月 18 日

試験終了日　　：2021 年　3 月 19 日

1 要約

ポリ (オキシメチレン) の反復投与による影響，生殖および新生児の発生に及ぼす影響について検討する目的で，ラットにおける反復投与毒性･生殖発生毒性併合試験を実施した．1 群雌雄各 12 匹の Crl:CD(SD) ラットに, ポリ (オキシメチレン) の 0 (溶媒対照, トウモロコシ油), 20，60 および 200 mg/kg を，雄に対しては交配開始 14 日前から計 28 日間，雌に対しては交配前，交配および妊娠期間を含む哺育 13 日までの期間経口投与した (最長 61 日間)．また，0 (対照) および 200 mg/kg について，雄動物は各 5 匹を選抜して 28 日間の投与終了後 14 日間の回復性を検討し, 雌動物は各 10 匹の非交配群を別に設け, 5 匹は 28 日間の投与終了時に剖検し，5 匹はさらに 14 日間の回復性についても検討した．

1.1 反復投与毒性

20 および 60 mg/kg 群では，投与期間中の一般状態，詳細な状態観察，機能検査，尿検査，体重，体重増加量，摂餌量，血液学的検査，血液化学的検査，T4 濃度，器官重量，剖検および病理組織学的検査の各検査項目に，被験物質投与に関連する変化はみられなかった．

200 mg/kg 群では，投与期間中の一般状態の変化として，雌雄のほぼ全例に粘液便がみられた．雌雄とも体重には対照群と比較して有意な差はみられなかったが，雄の投与期間中の体重増加量に低値がみられた．摂餌量では，雄および非交配群の雌で投与 4 および 7 日に低値または低値傾向がみられた．血液学的検査では，雄および非交配群の雌で白血球分画の好中球に高値がみられ，非交配群の雌では加えて赤血球数に低値がみられた．血液化学的検査では，雄および非交配群の雌の総蛋白に低値がみられた．剖検では，雌雄で，前胃または腺胃に限局性の白色隆起がみられ，胃の病理組織学的検査では，前胃に潰瘍，腺胃に潰瘍，びらんおよび粘膜下組織の炎症性細胞浸潤がみられた．その他の器官・組織の病理組織学的検査または器官重量では，被験物質投与に関連すると考えられる変化はみられなかった．

以上の変化には回復性が認められた．

したがって，本試験条件下におけるポリ (オキシメチレン) の反復投与毒性に関する無毒性量 (NOAEL) は雌雄とも 60 mg/kg/day と考えられた．

1.2 生殖発生毒性

主試験群の生殖能検査および新生児の検査では，200 mg/kg 群まで，いずれの項目にも被験物質投与に関連する変化はみられなかった．

したがって，本試験条件下におけるポリ (オキシメチレン) の親動物の生殖ならびに新生児の発生に対する無毒性量 (NOAEL) はいずれも 200 mg/kg/day と考えられた．

2 緒言

この試験の目的は，ポリ (オキシメチレン) を雌雄ラットへ反復投与して，一般毒性，雌生殖および新生児の発生に及ぼす影響について検討することであった．ポリ (オキシメチレン) の 0 (溶媒対照，トウモロコシ油)，20，60 および 200 mg/kg を，1 群雌雄各 12 匹の Crl:CD(SD) ラットに，雄に対しては計 28 日間，雌に対しては哺育 13 日までの期間経口投与した．また，0 (対照) および 200 mg/kg について，雄動物は各 5 匹を選抜して 28 日間の投与終了後 14 日間の回復性を検討し，雌動物は各 10 匹の非交配群を別に設け，5 匹は 28 日間の投与終了時に剖検し，5 匹はさらに 14 日間の回復性についても検討した．

3 材料および方法

3.1 被験物質

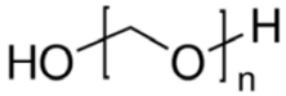
名称　：ポリ (オキシメチレン)

別名　：Polyoxymethylene
　Paraformaldehyde [1)]

CAS 番号　：30525-89-4

官報公示整理番号 [2)]　：(9)-1941

構造式 [1)]　：



化学式 [2)3)]　：(HCHO)n

分子量 [2)]　：30.03×n

物理化学的性質 [2)3)]　：外観；白色の粉末
　臭い；特異臭
　融点・凝固点；100°C
　溶解度；水，溶けにくい；アルコール類，エーテル，溶けない

ロット番号　：[redacted] Annex 1)

含量　：96.2% (ホルムアルデヒドとして) (Annex 1)

製造者・供給者　：名称 [redacted]
　所在地；[redacted]

試験施設受領日　：2020 年 10 月 13 日

被験物質管理責任者からの移管量：
　500 g

使用量　　：179.6050 g

安定性　　：試験操作終了後，株式会社日曹分析センターにて安定性分析を実施した．その結果，投与期間中被験物質は安定であったことが確認された (Annex 2).

保存条件 [2)3)]　　：室温 (実測範囲 20.1 ~ 24.8°C)，密閉，遮光，強酸化剤との接触を避けた．

保存場所および保存期間：被験物質保存室；2020 年 10 月 13 日 (試験施設受領) ~ 2021 年 1 月 26 日 (最終調製)

取扱上の注意 [2)]　　：ゴム手袋，マスクおよび保護メガネを着用した．

サンプリング　　：約 5 g (実測値 5.0022 g) を採取し，試験施設の資料保存室に保存した．

3.2 対照物質 (媒体)

名称　　：トウモロコシ油

製造業者　　：ナカライテスク株式会社

選定理由　　：被験物質が水に難溶であるため．

ロット番号　　：V0P8420

使用/有効期限　　：2025 年 11 月 1 日

保存条件　　：室温 (実測範囲 20.1 ~ 24.8°C) で保存した．ただし，開封後の残余は保存しなかった．

対照群の投与用として分注後は，被験物質調製液と同様に保存した．

保存場所および保存期間：被験物質保存室；2020 年 11 月 2 日 (試験施設受領) ~ 2021 年 1 月 26 日 (最終調製)

被験物質管理責任者からの移管量：

500 g × 36 本

使用量　　：500 g × 25 本

取扱上の注意　　：特になし．

3.3 投与液の調製および化学分析

調製方法　　：投与量毎に被験物質を正確に秤量し，メノウ乳鉢およびメノウ乳棒を用いて摩砕して少量のトウモロコシ油 (媒体) と馴染ませた．懸濁した液が流れるようになったらシリンジを用いてメートルグラスに移し入れた．媒体が透明になるまで共洗し，その液もメートルグラスに移し入れてスターラーにて懸濁させた．媒体を加えて所定量にメスアップし，均一に懸濁させた．

調製頻度　　：調製液は 2 ~ 12 日の間隔で 7 回調製し，13 日以内に使用した．

保存場所および保存期間：被験物質保存室；2020 年 12 月 2 日 (初回調製) ~ 2021 年 2 月 7 日 (最終投与)

保存条件　　：遮光気密容器に入れ，室温 (実測範囲 20.1 ~ 24.7°C) で保存した．

調製上の注意　　：ゴム手袋，マスクおよび保護メガネを着用した．

残余投与液の処置　　：焼却処分するために産業廃棄物として回収した．

投与液の化学分析　　：以下の分析を株式会社日曹分析センター (NCAS) が実施し，分析結果を入手した．試料の NCAS への輸送の日程，濃度分析方法ならびに分析結果については，NCAS の最終報告書に示されており，Annex 2 として添付する．

投与液の安定性の確認：4 および 40 mg/mL の濃度の調製液について，室温保存 14 日間 (調製日を 0 日として起算) の安定性を分析した．調製は NCAS が実施した．分析の結果，14 日間室温保存後の残存率が 99.7 および 102.6% (判定基準 100±15.0%以内) であり，室温保存 14 日間の安定性が確認された (Annex 2)．加えて，トウモロコシ油中に遊離したホルムアルデヒドの有無を分析した結果，調製直後および 14 日間室温保存後ともに定量下限未満であり，14 日間室温保存後も増加していないことを確認した (Annex 2)．

投与液の均一性の確認：4 および 40 mg/mL の濃度の初回の調製液について，均一性を分析した．分析の結果，相対標準偏差 (RSD) が 4.1 および 0.6% (判定基準 15.0%以内) であり，均一性が確認された (Annex 2)．

投与液の濃度確認　　：被験物質の全濃度に関する投与液中の濃度を，初回および雄の最終回投与に使用する調製液について分析した．調製液は冷蔵条件下で NCAS に送付した．分析の結果，含有率が表示濃度の 92.7 ~ 101.6% (判定基準 100±15.0%以内)，RSD が 0.1 ~ 3.5% (判定基準 15.0%以内) の範囲内にあり，いずれの濃度も適切であることが確認された (Annex 2)．

3.4 試験系

種・系統　　：ラット，Crl:CD(SD)

微生物統御　　：SPF

生産業者　　：日本チャールス・リバー株式会社

微生物モニタリング　：動物生産業者よりデータを入手した．

動物選定理由　：ラットはこの種の試験で通常用いられている動物種であり，繁殖成績が安定していることと試験施設における背景対照データが利用できることからこの系統を選定した．

受入動物数　：雄 50 匹，雌 74 匹 (未経産)

受入動物週齢　：雌雄とも 9 週齢

出荷体重基準　：雄 270 ~ 360 g，雌 180 ~ 240 g

受入時体重範囲　：雄 294 ~ 337 g，雌 185 ~ 217 g

投与開始時週齢　：雌雄とも 11 週齢

群数　：雄 6 群，雌 8 群 (主試験群 雌雄各 4 群，サテライト群 雄 2 群，雌 非交配群 4 群)

各群動物数　：主試験群 雌雄各 12 匹，サテライト群 雌雄各 5 匹 (ただし，雄は主試験群から選抜)

3.5 検疫および馴化

期間　：検疫期間は受入日 (検疫 1 日) から検疫 6 日までの期間．
馴化期間は検疫期間を含めた群分け日までの期間．

方法　：一般状態を 1 日 1 回観察し，体重を受入時，検疫 6 日および群分け日に測定した．馴化期間中の一般状態および体重には，いずれの動物にも異常はみられなかった．

性周期検査　：雌動物について，性周期検査を膣垢スメア塗抹法により群分け日までの 14 日間実施した．検査の結果，いずれの動物にも異常はみられなかった．

3.6 群分け

馴化期間中に実施した一般状態観察，体重測定および雌の性周期検査の結果を参考にして，動物の使用の適否を決定した．コンピュータシステム (MiTOX，三井 E & S システム技研株式会社) を使用して，雄 48 匹，雌 68 匹を選抜し，群分け日 (投与開始前日) の体重に基づいて層化無作為抽出法により群間で平均体重が均一になるように各群に割当てた．ただし，雌については主試験群，サテライト群それぞれの平均体重が均一になるようにした．選抜した動物の体重範囲は，雄で 394 ~ 494 g，雌で 227 ~ 275 g であり，平均体重 (雄 441.3 g，雌 252.6 g) の ± 20%以内であった．群分けから外れた動物は，投与開始日に試験から除外し，試験施設の標準操作手順書 (SOP) に従って取り扱った．

3.7 動物およびケージの識別

動物　：群分け前は受入時に油性フェルトペンで尾部に印を付け，個体識別を行った．
群分け後は耳介に動物番号を入れ墨し，個体識別を行った．ただし，新生児については個体識別を行わなかった．

飼育ケージ　：群分け前は試験 No.，識別 No.，性別，ケージ No.および種 / 系統を印字したラベルを各ケージの前面に標示した．
群分け後は試験 No.，動物 No.，性別，被験物質名，用量 (経路) および種 / 系統を印字したラベルを各ケージの前面に標示した．交尾成立雌動物は上記と同様の項目を記載した新たなラベルに交換し，交尾成立日ならびに交尾成立日毎のグループ名を明記して表示した．分娩終了した雌は群分け後のラベルに交換して哺育 0 日の日付ならびに哺育 0 日毎のグループ名を明記した．

3.8 動物飼育

3.8.1 飼育環境

飼育室番号　：304 号室

温度・湿度　：22 ± 3°C (実測範囲 21 ~ 23°C)，50 ± 20% (実測範囲 39 ~ 61%)

換気回数　：10 ~ 15 回/時間

照明時間　：人工照明 12 時間 (8:00 ~ 20:00)

3.8.2 飼育器材および飼育方法

ケージの種類　：ブラケット式金属製金網床ケージ (300W × 410D × 200H mm)
ただし，交尾成立雌動物については妊娠 17 日から哺育 13 日まで同ケージの金網床を小型受皿に代えて実験動物用床敷 (ホワイトフレーク，ロット番号 200701，日本チャールス･リバー株式会社) を使用した．

1 ケージあたりの収容動物数：
検疫および馴化期間中は 2 匹ずつ，群分け後は 1 匹，交配期間中は雌雄各 1 匹，分娩後は 1 腹とした．

ケージ内動物数の選択理由：
摂餌量の例数を確保するため，および雄では闘争による傷害を避けるため，群分け後は単独飼育とした．

ケージ交換　：馴化 13 日および群分け時に実施し，その後は以下の頻度で実施した．
雄およびサテライト群雌：投与 14 日および回復 1 日

主試験群雌：交尾成立後は妊娠 0 日および 14 日ならびに哺育 7 日

受皿交換　：週 2 回以上実施した.

小型受皿の交換　：妊娠 20 日および哺育 7 日に実施した.

給餌器交換　：ケージ交換時に実施した.

自動給水装置の水抜き：週 1 回実施した.

給水器　：雄およびサテライト群の雌は尿検査時にのみ使用した．主試験群の雌は妊娠・哺育期間に使用し，2 日に 1 回交換した.

室内の清掃　：1 日 1 回実施した.

室内の消毒　：塩素系消毒薬およびヨウ素系消毒薬を 1 週間単位で交互に使用する清拭消毒を 1 日 1 回実施した.

3.8.3 飼料

種類・名称　：固型飼料，CRF-1

ロット番号　：200520，200602，200804

製造業者　：オリエンタル酵母工業株式会社

給餌方法　：金属製給餌器を用いて自由に摂取させた.
ただし，剖検前日の夕刻からは全例を絶食させた.

汚染物質等の確認　：試験に悪影響を及ぼす恐れのある汚染物質等の有無を使用した各ロットの飼料について分析した．分析はユーロフィン・フードアンドプロダクト･テスティング株式会社 (分析報告書 : Nos. AR-20-JP-001276-01-JA，AR-20-JP-001470-01-JA，AR-20-JP-001899-01-JA) および飼料製造業者 (分析試験報告書 : Nos. 20G03-018，20G03-022，20G03-044) が行い，分析データを飼料製造業者からロット毎に入手した．分析項目と許容値は試験施設の SOP に準拠した．分析の結果，いずれの項目にも許容値を超える値は認められなかった.

3.8.4 飲料水

種類　：札幌市水道水

給水方法　：自動給水装置あるいは給水器を用いて自由に摂取させた.

汚染物質等の確認　：試験に悪影響を及ぼす恐れのある汚染物質等について，2020 年 7 月 2 日および 2021 年 1 月 5 日に当該飼育室と同系列の配管の最末端 (301 号室) から試料を採取して分析した. 分析は日本衛生株式会社 (水質検査結果表：Nos. A201270，A205341) が行い，分析データを入手した．分析項目と許容値は試験施設の SOP に準拠した．分析の結果，いずれ

の項目にも許容値を超える値は認められなかった.

3.9 被験物質の投与

3.9.1 投与量の設定

投与量　　: 0 (対照), 20, 60 および 200 mg/kg/day

設定理由　　: 先に実施した予備試験 (SR20233)[4] (投与量 0, 10, 30, 100 および 300 mg/kg/day, 雌雄各 3 匹/群, 14 日間反復経口投与) の結果, 300 mg/kg 群では, 雌雄で, 投与 1 日以降剖検日まで粘液便が観察された. 体重, 体重増加量および摂餌量では, 雄で投与期間を通じて対照群より低値で推移した. 血液学的検査では, 雌雄とも網赤血球数および白血球数に有意な高値がみられ, 雄ではさらに, ヘモグロビン濃度およびヘマトクリット値の有意な低値がみられた. 血液化学的検査では, 雌雄ともトリグリセリドの高値および総蛋白の低値がみられた. 剖検では, 雌雄の全例で, 腺胃の限局性の暗赤色隆起または白色隆起がみられた. 100 mg/kg 群では雌で粘液便がみられた. 30 および 10 mg/kg 群では, いずれの項目にも変化は認められなかった. 以上より, 本試験では投与期間の延長を考慮して, 毒性影響が予測される 200 mg/kg/day を高用量とし, 以下公比約 3 として 60 および 20 mg/kg/day をそれぞれ中用量および低用量に設定した.

3.9.2 試験群の構成

試験群の構成と各群の動物番号は以下の通りとした.

試験群	投与量 (mg/kg)	濃度 (mg/mL)	投与容量 (mL/kg)	動物数(動物番号) 雄	雌	識別
＜主試験群＞						
対照	0	0	5.0	12 (10101~10112)	12 (50151~50162)	白
低用量	20	4	5.0	12 (10201~10212)	12 (50251~50262)	緑
中用量	60	12	5.0	12 (10301~10312)	12 (50351~50362)	青
高用量	200	40	5.0	12 (10401~10412)	12 (50451~50462)	赤
＜サテライト群＞						
対照(投与終了時剖検例)	0	0	5.0		5 (50551~50555)[b]	白
(回復終了時剖検例)	0	0	5.0	5 (10105, 10106, 10108, 10109, 10111)[a]	5 (50556~50560)[b]	白

高用量(投与終了時剖検例)	200	40	5.0		5 (50651~50655)[b]	赤
(回復終了時剖検例)	200	40	5.0	5 (10403, 10404, 10405, 10409, 10412)[a]	5 (50656~50660)[b]	赤

対照群には，他の群と同様の方法で対照物質 (媒体) のみを投与した．

a：主試験群から投与 21 日の体重に基づいて，各群の体重の平均値に近似するように，各群から 5 匹ずつ選抜した．ただし，交配中の雄動物は選抜から除いた．

b：非交配群

3.9.3 投与

投与経路　：経口投与

投与方法　：ディスポーザブル胃ゾンデおよびディスポーザブルシリンジを用いて強制的に胃内に投与した．

投与回数　：1 日 1 回，連日投与した．

投与時刻　：8：59 ~ 12：32

投与期間　：雄；交配 14 日前より 28 日間

雌；交配前 14 日間および交尾成立までの交配期間，さらに交尾成立例は妊娠期間および分娩後 13 日 (哺育 0 日を分娩後 0 日として起算) までの期間，妊娠 25 日まで分娩が認められない交尾成立例は妊娠 25 日まで，交尾不成立例は交配期間終了後 23 日までの期間

サテライト群については 28 日間

回復 (休薬) 期間　：投与期間終了後 14 日間

投与液量　：各個体の投与液量は，投与日に最も近い測定日の体重に基づいて算出した．

投与経路，投与方法，投与回数および投与期間ならびに回復期間の選定理由：

試験法ガイドラインに準拠した．

3.10 観察，測定および検査項目

投与開始日を投与 1 日 (Day 1)，投与 28 日の翌日を回復 1 日 (Recovery Day 1) と起算し，雄動物およびサテライト群の剖検日は投与 28 日の翌日 (Day 29) および回復 14 日の翌日 (Recovery Day 15) とした．雌動物の交配後は，交尾成立日を妊娠 0 日，分娩終了日を哺育 0 日，剖検日を分娩後 14 日 (Day 14 after parturition) と規定した．

3.10.1 反復投与毒性

3.10.1.1 一般状態観察

例数　：全例

期間　　：投与 1 日から剖検日まで

頻度　　：投与期間中は投与前および投与後の 1 日 2 回，回復期間中は午前および午後の 1 日 2 回，剖検日は 1 回観察した．

観察方法　　：個々の動物の生死，外観，行動等について観察した．異常が認められる場合は，その症状ならびに症状の発現および消失について記録した．

3.10.1.2 詳細な状態観察

例数　　：全例

時期　　：投与開始前ならびに投与 7，14，21 および 28 日
主試験群の雌については，上記に加えて投与 35，42 および 49 日
回復期間中は，回復 7 および 14 日

観察方法　　：あらかじめ定めたスコアリング基準を用いてスコア化した観察結果を記録した．

観察項目およびその方法：

[1] 体位･姿勢，呼吸状態，振戦･痙攣，常同行動 (回転・旋回)，異常行動 (自咬) をケージの外から観察した．

[2] 取り出し易さ，取扱い易さ，筋収縮性，立毛，被毛の状態，皮膚，眼･眼球および粘膜の外観，瞳孔径，流涙，流涎，その他分泌物の有無について，ケージから取り出す時に観察した．

[3] 歩行，運動協調性，環境刺激に対する反応，探索行動 (匂嗅ぎ・立上り)，排泄状態 (排尿・排糞)，常同行動 (身づくろい･くびふり)，異常行動 (後ずさり・異常発声)，攻撃性について，オープンフィールド内で観察した．

3.10.1.3 機能検査

例数　　：各群の投与 21 日の体重の平均値に近似するように選抜した雄の各群 5 例およびサテライト群 (回復終了時剖検例) の雌ならびに主試験群の雌の分娩日の早いものから順に選抜した各群 5 例．

時期　　：主試験群の雄およびサテライト群の雌は，投与 4 週 (投与 22 日) に実施した．投与 4 週の検査の結果，主試験群の雄およびサテライト群の雌のいずれにも被験物質投与に関連する変化はみられなかったことから，回復 2 週の検査は実施しなかった．
主試験群の雌は哺育 13 日に実施した．

観察 / 測定方法　　：あらかじめ定めたスコアリング基準を用いてスコア化した観察結果あ

るいは測定機器による測定値を記録した.

観察項目およびその方法：

[1] 刺激に対する感覚運動反応：検査台上で以下を観察した.
視覚刺激，触覚刺激，聴覚刺激，痛覚刺激，固有受容器刺激，空中正向反射

[2] 握力：CPU ゲージ (アイコーエンジニアリング株式会社) を用いて前肢および後肢について各 3 回測定し，1 g 単位で記録した.

[3] 自発運動量：自発運動量測定装置 (スーパーメックスおよび CompAct，室町機械株式会社) を用いて，上述 [1] および [2] の検査に引き続き，各動物について，10 分間隔 (0 ~ 10，10 ~ 20，20 ~ 30，30 ~ 40，40 ~ 50 および 50 ~ 60 分) で 1 時間測定した.

3.10.1.4 体重測定

例数　：全例

測定日　：雄およびサテライト群の雌は，投与 1，4，7，14，21 および 28 日の投与前，回復 1，7 および 14 日ならびに剖検日.
主試験群の雌は，投与 1，4，7，14 日の投与前，妊娠 0，7，14 および 20 日の投与前，哺育 0，4，7 および 13 日の投与前ならびに分娩後 14 日の剖検日．ただし，妊娠 25 日まで分娩が認められない交尾成立例は妊娠 26 日 (剖検日)，交尾不成立例については，投与 21，28，35，42，49 日の投与前および剖検日 (投与 51 日の翌日) に測定した.

測定方法　：電子式上皿天秤 (GX-2000，株式会社 エー・アンド・デイ) を用いて測定した.

体重増加量　：以下の式により算出した.

<雄およびサテライト群の雌>

投与期間；

体重増加量 (g) = 投与 28 日体重 (g)－投与 1 日体重 (g)

回復期間；

体重増加量 (g) = 回復 14 日体重 (g)－回復 1 日体重 (g)

<主試験群の雌>

交配前投与期間；

体重増加量 (g)＝投与 14 日体重 (g)－投与 1 日体重 (g)

妊娠期間；

体重増加量 (g)＝妊娠 20 日体重 (g)－妊娠 0 日体重 (g)

哺育期間；

体重増加量 (g)＝哺育 13 日体重 (g)－哺育 0 日体重 (g)

3.10.1.5 摂餌量測定

例数　：全例

測定日　：雌雄とも交配中の週および剖検日を除き，体重測定と同じ日に実施した．

測定方法　：電子式上皿天秤 (GX-2000，株式会社 エー・アンド・デイ) を用いて測定した．

投与 1 日または回復 1 日に適当量を測定後ケージ毎に給餌し，その後は測定日に残餌量および／または給餌量を測定した．

次式より，摂餌量 (g/day) を算出した．ただし，哺育期間中の雌については，1 腹あたりの摂取量として表わした．

摂餌量 (g/day) ＝ [給餌量 (g)－残餌量 (g)] / 測定日間の日数 (day)

3.10.1.6 尿検査

例数　：雄は機能検査と同一の各群 5 例について，雌はサテライト群の回復終了時剖検例

時期　：投与 4 週 (投与 26～27 日) および回復 2 週 (回復 8～9 日).

採尿方法　：非絶食下でラット用代謝ケージ (KN-646，B-1 型，株式会社夏目製作所) を用いて採尿し，投与直後から約 3 時間の蓄尿で [1] ~ [9] を，また約 21 時間の蓄尿で [10]，[11] を実施した．[9] については，遠心分離 (約 400 × *g*，5 分，4°C) して，沈査を検査した．採取した尿は検査終了後廃棄した．

検査項目および検査方法：

[1]	pH	試験紙法
[2]	蛋白 (Protein)	試験紙法
[3]	糖 (Glucose)	試験紙法
[4]	ケトン体 (Ketone body)	試験紙法
[5]	ウロビリノーゲン (Urobilinogen)	試験紙法
[6]	ビリルビン (Bilirubin)	試験紙法
[7]	潜血反応 (Occult blood)	試験紙法
[8]	色調 (Color)	肉眼観察

[9]	尿沈渣 (Urinary sediments)	Sternheimer 染色法
[10]	尿量 (Urine Volume)	容量測定
[11]	比重 (Specific gravity)	屈折計法

[1] ~ [7] マルティスティックス，シーメンスヘルスケア・ダイアグノスティクス株式会社
[9] 顕微鏡 BH-2，オリンパス株式会社
[11] 尿比重屈折計ユリコン-S，株式会社アタゴ

3.10.1.7 血液学的検査

例数　：各群 5 例 (主試験群の雄は機能検査に用いた動物以外から動物番号の若い順に選抜した．主試験群の雌は機能検査と同一例，サテライト群は全例)

時期　：剖検時 [主試験群の雄およびサテライト群の雌 (投与終了時剖検例) は投与 28 日の翌日，主試験群の雌は分娩後 14 日，サテライト群の雄および雌 (回復終了時剖検例) は回復 14 日の翌日] に採血した．

検査方法　：夕刻からの一晩の絶食下 (16 ~ 19 時間) でラットをイソフルラン (動物用イソフルラン，マイラン製薬株式会社) 麻酔し，腹部大動脈より採血した．検査項目のうち [1] ~ [10] については EDTA･2K (ベノジェクト II 真空採血管, テルモ株式会社) で処理した血液約 1 mL を用い, [11], [12] については 3.8%クエン酸ナトリウムで処理した血液約 1 mL (3.8%クエン酸ナトリウム溶液 0.1 mL+血液 0.9 mL) を遠心分離 (約 2000 × *g*，10 分，4°C) し，得られた血漿を用いた．主試験群の雌の血漿は，採取後凍結保存 (−80°C 設定) し，測定時に融解して用いた．得られた血液および血漿は検査終了後廃棄した．全例の白血球分画が得られたため，白血球塗抹標本は作製しなかった．

検査項目および検査方法：

[1]	赤血球数 (RBC)	電気抵抗検出法
[2]	ヘマトクリット値 (HCT)	電気抵抗検出法
[3]	ヘモグロビン濃度 (HGB)	SLSヘモグロビン法
[4]	平均赤血球容積 (MCV)	RBC，HCT値より算出
[5]	平均赤血球ヘモグロビン量 (MCH)	RBC，HGB値より算出
[6]	平均赤血球ヘモグロビン濃度 (MCHC)	HCT，HGB値より算出
[7]	血小板数 (Platelet)	電気抵抗検出法
[8]	網赤血球数 (Reticulocyte)	フローサイトメトリー法
[9]	白血球数 (WBC)	フローサイトメトリー法
[10]	白血球分画 (Differential count of WBC)	フローサイトメトリー法
	1　好中球 (Neutrophil, 10^2/μL)	
	2　好酸球 (Eosinophil, 10^2/μL)	

3　好塩基球 (Basophil, 10^2/μL)
4　単球 (Monocyte, 10^2/μL)
5　リンパ球 (Lymphocyte, 10^2/μL)

[11]	プロトロンビン時間 (PT)	トロンボプラスチン法
[12]	活性化部分トロンボプラスチン時間 (APTT)	エラジン酸法

[1] ~ [10] 自動血球分析装置 XT-2000 iV，シスメックス株式会社
[11]，[12] 全自動血液凝固測定装置 CA-620，シスメックス株式会社

3.10.1.8 血液化学的検査

例数　：血液学的検査と同一の各群 5 例．ただし，T4 濃度測定用試料の採取は全例実施し，主試験群の雄のみ測定を実施した．

時期　：剖検時に採血した．

検査方法　：夕刻からの一晩の絶食下 (16 ~ 20 時間) でラットをイソフルラン麻酔し，腹部大動脈より採血した．検査項目のうち [1]，[5] については血液 1 mL あたりヘパリンナトリウム (ヘパリンナトリウム注 N「AY」，1000 単位/mL，エイワイファーマ株式会社) 約 20 単位で処理後，遠心分離 (約 2000 × *g*，10 分，4°C) して得られた血漿を用いて検査した．他の項目については分離剤入り試験管 (セパクリーン A，栄研化学株式会社) に血液を採取し，遠心分離 (約 2000 × *g*，10 分，4°C) して得られた血清を用いて検査した．主試験群の雌の血清および血漿は，採取後凍結保存 (−80°C 設定) し，測定時に融解して用いた．また，得られた血清の一部をホルモン測定用として，ポリプロピレン製チューブ 4 本に約 150 μL ずつ分注して凍結保存 (−80°C 設定) し，主試験群の雄について測定時に融解して [21] の項目に用いた．主試験群の雄および生後 13 日の新生児の測定の結果，被験物質投与に関連する変化は認められなかったことから，主試験群の雌およびサテライト群の雌雄の動物の T4 濃度測定は行わなかった．検査終了後，ホルモン測定用血清は−60°C 以下で，その他の血漿および血清は−20°C 以下で凍結保存し，試験終了日までに廃棄した．

検査項目および検査方法：

[1]	AST	JSCC 法
[2]	ALT	JSCC 法
[3]	アルカリホスファターゼ (ALP)	JSCC 法
[4]	γ-GTP	L-γ-グルタミル-3-カルボキシ-4-ニトロアニリド基質法
[5]	グルコース (Glucose)	ヘキソキナーゼ法

[6]	総コレステロール (T-Cho)	酵素法
[7]	トリグリセリド (TG)	遊離グリセロール消去法
[8]	総ビリルビン (T-Bil)	酵素法
[9]	総胆汁酸 (TBA)	酵素サイクリング法
[10]	尿素窒素 (UN)	ウレアーゼ･LED 法
[11]	クレアチニン (Crea)	酵素法
[12]	ナトリウム (Na)	イオン選択電極 (ISE) 法
[13]	カリウム (K)	イオン選択電極 (ISE) 法
[14]	クロール (Cl)	イオン選択電極 (ISE) 法
[15]	カルシウム (Ca)	OCPC 法
[16]	無機リン (IP)	Fiske-Subba Row 法
[17]	総蛋白 (TP)	ビウレット法
[18]	A/G 比 (A/G ratio)	蛋白分画より算出
[19]	アルブミン (Albumin)	総蛋白と蛋白分画より算出
[20]	蛋白分画 (Protein fraction)	アガロースゲル電気泳動法
	1 アルブミン (Albumin, %)	
	2 α_1-グロブリン (α1-G, %)	
	3 α_2-グロブリン (α2-G, %)	
	4 β-グロブリン (β-G, %)	
	5 γ-グロブリン (γ-G, %)	
[21]	甲状腺ホルモン (T4)	ELISA 法 (測定回数：n=2)

[1] ~ [17] 自動分析装置 7180 形，株式会社日立ハイテクノロジーズ
[18]，[20] 全自動電気泳動分析装置エパライザ 2 ジュニア，株式会社ヘレナ研究所
[21] マイクロプレートリーダ SH-1200，コロナ電気株式会社

3.10.1.9 病理検査

3.10.1.9.1 剖検

例数 ：全例

時期 ：主試験群の雄およびサテライト群の雌 (投与終了時剖検例) は投与 28 日の翌日，主試験群の雌は分娩後 14 日，サテライト群の雄および雌 (回復終了時剖検例) は回復 14 日の翌日に剖検した．ただし，妊娠 25 日まで分娩が認められない交尾成立例は妊娠 26 日に，交尾不成立例は交配期間終了後 24 日 (投与 51 日の翌日) に実施した．

検査方法 ：体外表を観察し，イソフルラン麻酔下で，腹部大動脈より採血後，放血により安楽死させ，全身の器官・組織を肉眼的に観察した．主試験群の雌では，着床数を数えた．以下の器官・組織を 10%中性緩衝ホルマリン液に固定・保存した．肺については，気管から固定液を注入後固定した．ただし，眼球およびハーダー腺はデビッドソン液で固定・

保存し，精巣および精巣上体はブアン液で固定，70%エタノールに保存した．左右のある器官については，左右とも固定・保存した．

性周期の確認　：サテライト群の雌の全例および主試験群の全例について剖検日の剖検前に膣垢を採取し，ギムザ染色を施して，光学顕微鏡下で観察して性周期段階を確認した．このデータは器官重量または病理組織学的評価の補助とした．

器官･組織名　：脳 (大脳，小脳および脳橋)，脊髄，下垂体，胸腺，甲状腺，上皮小体，副腎，脾臓，心臓，食道，胃，肝臓，膵臓，顎下腺，十二指腸，空腸，回腸 (パイエル板を含む)，盲腸，結腸，直腸，気管，肺および気管支，腎臓，膀胱，精巣，精巣上体，前立腺，精嚢 (凝固腺含む)，卵巣，子宮 (角部および頸部)，膣，眼球およびハーダー腺，乳腺 (右腹部)，大腿骨 (骨髄を含む，右)，腸間膜リンパ節，下顎リンパ節，骨格筋 (大腿二頭筋，右)，および坐骨神経 (右)

3.10.1.9.2 器官重量測定

例数　：全例

時期　：剖検時

測定方法　：電子式上皿天秤 (GR-200，株式会社 エー・アンド・デイ) を用いて，以下の器官の重量を測定した．左右のある器官は左右合せて測定した．ただし，甲状腺，下垂体および精嚢は固定後に測定した．

器官・組織名　：脳，心臓，肝臓，腎臓，精巣，精巣上体，精嚢 (凝固腺含む)；以上 (g)
下垂体，甲状腺 (上皮小体含む)，脾臓，胸腺，副腎，前立腺，卵巣，子宮；以上 (mg)

相対重量の算出　：絶対重量と剖検日に測定した体重から相対重量を算出した．

相対重量 (g/100 g または mg/100 g)

＝[絶対重量 (g または mg) / 剖検日体重 (g)] × 100

3.10.1.9.3 病理組織学的検査

例数　：主試験群の雌雄およびサテライト群の雌 (投与終了時剖検例) は，剖検時に固定･保存した対照群および高用量群の全器官･組織について標本作製を実施し，全例について鏡検した．鏡検の結果，高用量群の雌雄の胃 (前胃または腺胃) に被験物質投与に関連する変化が認められたことから，低用量および中用量群の雌雄全例の胃 (前胃および腺胃)，ならびに回復終了時に剖検した雌雄全例の胃 (前胃および腺胃) を検

査した．また，低用量群では，次世代の児動物が得られなかった雌雄の組 (動物番号 10205，10211，50255 および 50261) の全器官･組織についても鏡検した．また，剖検時にみられた胃の所見以外の肉眼的異常部位 (動物番号 50361 の腎臓) についても鏡検した．

検査方法　：パラフィン包埋後薄切し，ヘマトキシリン・エオジン染色標本を作製して鏡検した．

3.10.2 生殖発生毒性

3.10.2.1 性周期検査

例数　：主試験群の雌の全例

期間　：投与開始日から交尾成立まで．
交尾不成立例については交配 14 日 (投与 14 日を交配開始日，交配開始日の翌日を交配 1 日とした) まで．

方法　：ギムザ染色による膣垢塗抹標本を作製し，光学顕微鏡下で性周期段階を観察した．

判定　：性周期の各段階 (発情前期，発情期，発情後期および発情間期) を 4 日から 6 日の間隔で繰り返すものを正常と判定した．

算出　：投与 1 日から投与 14 日までの 14 日間について発情期間隔，発情回数および性周期異常の動物数を算出した．

3.10.2.2 生殖能検査

例数　：主試験群の雌雄の全例

交配組み合せ　：同一群の雌雄を，雌の動物番号末尾 2 桁が雄の動物番号末尾 2 桁に 50 を足したものとなるよう組み合わせた．

時期・方法　：投与 14 日 (交配開始日) の夕刻から，交配に組み合せた雌雄を，交尾が確認されるまで 14 日間を限度として連続同居させた．

交尾成立の確認方法　：膣内または受皿上に落下した膣栓，あるいは膣垢スメア標本中の精子確認により判定した．いずれかが認められた日を妊娠 0 日とした．同居開始から交尾成立までの所要日数を計数した．
次式から群毎に交尾率を算出した．
雄の交尾率 (%) ＝ (交尾成立雄数 / 同居させた雄数) × 100
雌の交尾率 (%) ＝ (交尾成立雌数 / 同居させた雌数) × 100

受胎能　：妊娠の確認を分娩の有無および剖検時に子宮内の着床痕の有無により行った．動物番号 50261 については，剖検時に子宮内の着床痕が確認

されなかったため不妊と判断した．

次式から群毎に受胎率を算出した．

雄の受胎率 (%) ＝ (雌を妊娠させた雄数 / 交尾成立雄数) × 100

雌の受胎率 (%) ＝ (妊娠雌数 / 交尾成立雌数) × 100

3.10.2.3 分娩および哺育状態観察

例数 ：交尾成立した雌の全例

分娩観察 ：交尾が確認された雌動物の全例について，分娩状態を妊娠 21 日から 25 日まで，毎日少なくとも 3 回 (9：00，13：00 および 17：00) 観察した．妊娠動物は全例自然分娩させた．

分娩終了の確認 ：9：00 に母動物が児を巣の中に集めて腹の下に抱え込んでいるのが観察された場合に分娩終了とし，その日を哺育 0 日 (生後 0 日) とした．

出産率 ：1 匹以上の生存児を出産したものを正常出産とした．次式から群毎に出産率を算出した．

出産率 (%) ＝ (正常出産雌数 / 妊娠雌数) × 100

妊娠期間の算出 ：妊娠 0 日から哺育 0 日までの期間を日数で表わした．

出産児の観察 ：生後 0 日のすべての出産児について生死を確認し，外表を観察した．腹毎に生存児数と死亡児数とを計数し，それらの合計を出産児数とした．次式から，分娩率および生存児の外表異常児出現率を腹毎に，外表異常児を持つ腹の頻度を群毎に算出した．

分娩率 (%) ＝ (生後 0 日の出産児数 / 着床数) × 100

外表異常児出現率 (%) = (外表異常児数 / 出産生児数) × 100

外表異常児を持つ腹の頻度 ＝ 外表異常児を持つ腹数 / 正常出産雌数

出産児の性比の算出 ：生後 0 日に個々の児動物の性を肛門と生殖突起の間の長さで判定し，群毎に以下を算出した．

生存出産児の性比 (%) ＝ (雄生存出産児数 / 生存出産児数) × 100

出産児の性比 (%) ＝ (雄出産児数 / 出産児数) × 100

3.10.2.4 哺育児数の調整

例数 ：全腹

時期 ：生後 4 日

調整方法 ：各腹の哺育児数が 8 匹となるように雌雄別に無作為に選抜した．選抜する哺育児の数は原則として雌雄同数としたが，1 腹の雄または雌の哺育児数が 4 匹未満の場合は総数が 8 匹となるよう (例えば雄 3 匹，

雌 5 匹) に調整した．選抜されなかった哺育児は，採血する動物は断頭で，その他の動物はペントバルビタールナトリウム (Pentobarbital Sodium Salt，東京化成工業株式会社) を 60 mg/mL 含有する溶液の腹腔内注射により安楽死させた．

3.10.2.5 新生児の一般状態観察

例数　：全例

頻度　：1 回／日

期間　：生後 0 日から生後 13 日 (剖検日) まで

観察方法　：生存または死亡の確認，一般状態を観察した．
死亡例は発見後速やかに剖検し，Whole body を 10%中性緩衝ホルマリン液で固定･保存した．

新生児生存率の算出　：生後 0，4 および 13 日の新生児生存率を次式から腹毎に算出した．
生後 0 日生存率 (%) ＝ (生後 0 日生存児数 / 出産児数) × 100
生後 4 日生存率 (%)
＝ (生後 4 日生存児数 / 生後 0 日生存児数) × 100
生後 13 日生存率 (%)
＝ (生後 13 日生存児数 / 生後 4 日に選抜した児数) × 100

3.10.2.6 新生児の体重測定

例数　：生存児全例

時期　：生後 0，4，7 および 13 日

測定方法　：電子式上皿天秤 (GX-2000，株式会社エー・アンド・デイ) を用いて個体別に測定し，0.1 g まで記録した．雌雄別に腹あたりの平均体重を求めた．

3.10.2.7 新生児の肛門生殖突起間距離 (AGD)

例数　：生存児全例

時期　：生後 4 日

測定方法　：個体別に肛門と生殖突起の間の長さを計測して記録した．雌雄別に腹あたりの平均肛門生殖突起間距離を求めた．加えて，個々の平均肛門生殖突起間距離を体重の立方根で除した値を求め，雌雄別に腹あたりの平均を求めた．

3.10.2.8 新生児の乳頭数

例数　：雄生存児全例

時期　：生後 13 日

計数方法　：個々の新生児の乳頭数を計数した．腹あたりの平均乳頭数を求めた．

3.10.2.9 新生児の血清 T4 濃度測定

例数　：各腹の生存児 2 例．ただし，採血の対象となる生存児が 1 匹の場合は 1 匹から血清を採取した．

時期　：生後 4 日 (選抜されなかった哺育児) および生後 13 日

血清採取　：生存児を断頭により安楽死させ，遠沈管に血液を腹毎に採取してプールし，遠心分離 (約 2000 × g，10 分，4°C) して血清を得た．採取した血清は，ポリプロピレン製チューブ 2 本に約 50 µL ずつ (生後 4 日) または 4 本に約 100 µL ずつ (生後 13 日) 分注して凍結保存 (−80°C 設定) し，測定時に融解して用いた．検査終了後の血清は，凍結保存 (−80°C 設定) し，試験終了日までに廃棄した．

測定方法　：ELISA 法で，生後 13 日の新生児の血清について T4 濃度を測定した (n=2)．主試験群の雄および生後 13 日の新生児の測定の結果，被験物質投与に関連する変化は認められなかったことから，生後 4 日の新生児の T4 濃度測定は行わなかった．

3.10.2.10 新生児の剖検

時期　：生後 13 日

例数　：全例

検査方法　：体外表 (口腔内を含む) を観察し，採血する動物は断頭で，その他の動物についてはペントバルビタールナトリウムを 60 mg/mL 含有する溶液の腹腔内注射により安楽死させ，全身の器官･組織を肉眼的に観察した．各腹雌雄 1 例について，甲状腺を 10%中性緩衝ホルマリンに固定・保存した．

3.11 統計学的方法

コンピュータシステム (MiTOX) を用いて実施した．

主試験群における握力 (3 回の平均)，自発運動量，体重，体重増加量，摂餌量，尿量，血液学的検査，血液化学的検査，器官の絶対重量および相対重量，発情期間隔，発情回数，交尾所要日数および着床数，出産児数，出産時の生存児数および死亡児数，分娩率，妊娠期間ならび

に新生児の雌雄別体重，肛門生殖突起間距離，乳頭数，外表異常児出現率および生存率の成績について群平均および標準偏差を算出し，Bartlett の検定法を行い，等分散性を解析した．等分散 ($p \geq 0.05$) の場合は一元配置分散分析法で解析し，不等分散 ($p < 0.05$) の場合は Kruskal-Wallis の検定法で解析した．一元配置分散分析の結果，有意差がみられた場合 ($p < 0.1$) は Dunnett の検定法を用いて対照群と被験物質投与群の間の有意差を検出した．Kruskal-Wallis 法の解析の結果，有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いた．なお，新生児の雌雄別体重，外表異常児出現率，生存率，肛門生殖突起間距離および乳頭数については，1 腹を標本単位として処理した．

主試験群における詳細な状態観察，刺激に対する感覚運動反応，尿量を除く尿検査の成績について，Kruskal-Wallis の検定法で解析し，有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いて対照群と被験物質投与群の間の有意差を検出した．

性周期の異常の発現率，交尾率，受胎率，出産率，生後 0 日の出産児および生存児の性比および外表異常児を持つ腹の頻度ならびに病理組織学的検査 (主試験群およびサテライト群) については， Fisher の正確確率検定法を用いた．

サテライト群における握力 (3 回の平均)，自発運動量，体重，体重増加量，摂餌量，尿量，血液学的検査，血液化学的検査，器官の絶対重量および相対重量の成績について，群平均および標準偏差を算出し，F 検定により等分散性を解析した．等分散 ($p \geq 0.05$) の場合は Student の t 検定，不等分散 ($p < 0.05$) の場合は Welch の検定を用いて対照群と高用量群の間の有意差を検出した．

サテライト群における詳細な状態観察，刺激に対する感覚運動反応，尿量を除く尿検査の成績について，Wilcoxon の順位和検定を用いて対照群と高用量群の間の有意差を検出した．

主試験群の雌で不妊が確認された動物については，妊娠期間の体重，体重増加量および摂餌量，器官重量ならびに病理組織学的検査のデータを統計検定から除外した．また，交尾が成立しなかった雌については，器官重量および病理組織学的検査のデータを統計検定から除外した．

対照群との比較検定については，5%未満を有意とした．

3.12 コンピュータシステムの利用

以下に示すデータの収集には MiTOX を使用した．

オンラインデータ ；親動物の一般状態，詳細な状態観察，機能検査 (刺激に対する感覚運動反応，握力．ただし，主試験群の雌を除く)，体重，摂餌量 (雌のサテライト群の投与 14 日の給餌量を除く)，血液学的検査 (PT，APTT を除く)，血液化学的検査 (T4 濃度を除く)，器官重量，病理組織学的検査，新生児の体重

オフラインデータ ；機能検査 (自発運動量)，機能検査 (主試験群の雌の刺激に対する感覚運動反応および握力)，摂餌量 (雌のサテライト群の投与 14 日の給餌量)，尿検査，血液学的検査 (PT，APTT)，血液化学的検査 (T4 濃度)，性周期検査，生殖能検査，着床数，生存児数，死亡児数，親動物の剖検，ならびに新生児の一般状態，外表異常，性別，肛門生殖突起間距離および乳頭数

コンピュータプロトコールには，データ収集の項目，日程等を登録した．なお，オンラインにより生データを収集する際，不測の事態が発生した時に，オフラインで作業を実施した．

4 成績

4.1 反復投与毒性

4.1.1 一般状態

一般状態の成績を Table 1-1 ~ 1-10，Appendix 1-1 ~ 1-29 に示す．

[投与期間]

(1) 雄：主試験群

対照群では，いずれの動物にも異常はみられなかった．20 mg/kg 群では，投与 15 ~ 17 日にケージ内事故によると考えられる左後肢の外傷および腫脹がみられた 1 例 (動物番号 10212) を除き，いずれの動物にも異常はみられなかった．60 mg/kg 群では，1 例 (動物番号 10303) に粘液便が投与 11 日の投与前にみられた．しかし，その前後の期間に同じ所見がみられていないことと，1 例のみの発生であることから，被験物質投与と関連性のない一過性の変化と考えられた．同群のその他の動物には異常はみられなかった．200 mg/kg 群では，投与 1 日から 28 日までの投与期間中の投与 15 日を除く毎日 1 ~ 8 例／日の発現頻度で，12 匹中 11 匹に粘液便がみられた．

(2) 雌：主試験群

対照群および 60 mg/kg 群では，いずれの動物にも異常はみられなかった．20 mg/kg 群では，投与 28 および 29 日に 1 例 (動物番号 50255) に，一時的に腹部に外傷がみられた．200 mg/kg 群では，交配前投与期間 (投与 2 ~ 14 日) および妊娠期間 (妊娠 1，2，7，11 ~ 17 日) に 1 ~ 5 例／日の発現頻度で，全例に粘液便がみられた．

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，投与 2 日から 28 日までの投与期間中の投与 15 日および 16 日を除く毎日ならびに剖検日に 1 ~ 5 例／日の発現頻度で，全例に粘液便がみられた．

[回復期間]

(1) 雄：サテライト群

対照群および 200 mg/kg 群では，いずれの動物にも異常はみられなかった．

(2) 雌：サテライト群 (非交配群)

対照群の動物には異常はみられなかった．200 mg/kg 群では，回復 1 日の午前のみ 1 例 (動物番号 50660) に粘液便がみられた．

4.1.2 詳細な状態観察

詳細な状態観察の成績を，Table 2-1 ~ 2-6，Appendix 2-1 ~ 2-70 (ケージの外から)，Table 3-1 ~ 3-6, Appendix 3-1 ~ 3-70 (ケージから取り出す時) および Table 4-1 ~ 4-6, Appendix 4-1 ~ 4-70 (オープンフィールド内) にそれぞれ示す．

[投与期間]

(1) 雄：主試験群

いずれの項目にも被験物質投与群と対照群の間に有意な差はみられなかった．

(2) 雌：主試験群

いずれの項目にも被験物質投与群と対照群の間に有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

[回復期間]

(1) 雄：サテライト群

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

4.1.3 機能検査

刺激に対する感覚運動反応の成績を Table 5-1 ~ 5-3，Appendix 5-1 ~ 5-10，握力の成績を Table 6-1 ~ 6-3，Appendix 6-1 ~ 6-10，自発運動量の成績を Table 7-1 ~ 7-3，Appendix 7-1 ~ 7-10 に示す．

[投与期間]

(1) 雄：主試験群 (投与 4 週)

20 mg/kg 群では，前肢の握力に有意な高値がみられたが，用量に依存していないことから，偶発的変動と考えられた．60 および 200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(2) 雌：主試験群 (哺育 13 日)

哺育 13 日の検査において，60 mg/kg 群では，後肢の握力に有意な高値がみられた．また，自発運動量が 60 分の計測時間を通じて対照群より高値を示し，10 ~ 20，50 ~ 60 および 0 ~ 60

分で有意な差がみられた．しかし，いずれも高用量群ではみられない変化であることから，被験物質投与と関連しないと考えられた．20 および 200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群，投与 4 週)

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

4.1.4 体重

体重を Figure 1-1 ~ 1-3，Table 8-1 ~ 8-7，Appendix 8-1 ~ 8-22 に示す．

[投与期間]

(1) 雄：主試験群

20 および 60 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．200 mg/kg 群では，投与期間中の体重には有意な差はみられなかったが，投与期間中の体重増加量に対照群と比較して有意な低値がみられた．

(2) 雌：主試験群

交配前期間，妊娠期間および哺育期間の体重および体重増加量には，被験物質投与群と対照群の間に有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，投与期間中の体重および体重増加量に対照群と比較して有意な差はみられなかった．

[回復期間]

(1) 雄：サテライト群

200 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．

4.1.5 摂餌量

摂餌量を Figure 2-1 ~ 2-3，Table 9-1 ~ 9-7，Appendix 9-1 ~ 9-22 に示す．

[投与期間]

(1) 雄：主試験群

20 および 60 mg/kg 群では，摂餌量に対照群と比較して有意な差はみられなかった．200 mg/kg 群では，対照群と比較して投与 4 日の摂餌量に有意な低値がみられた．投与 7 日の摂餌量には，統計学的に有意な差はなかったが低値傾向がみられた．

(2) 雌：主試験群

20 mg/kg 群では，哺育 13 日の摂餌量に対照群と比較して有意な低値がみられたが，用量に

依存していないことから, 偶発的変動と考えられた. 60 および 200 mg/kg 群では, 交配前期間, 妊娠期間および哺育期間の摂餌量に対照群と比較して有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，投与 4 および 7 日の摂餌量に対照群と比較して有意な低値がみられた.

[回復期間]

(1) 雄：サテライト群

200 mg/kg 群の摂餌量には，対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群の摂餌量には，対照群と比較して有意な差はみられなかった.

4.1.6 尿検査

尿検査の成績を Table 10-1 ~ 10-21，Appendix 10-1 ~ 10-30 に示す.

[投与 4 週]

(1) 雄：主試験群

被験物質投与群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

[回復 2 週]

(1) 雄：サテライト群

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

4.1.7 血液学的検査

血液学的検査の成績を Table 11-1 ~ 11-5，Appendix 11-1 ~ 11-14 に示す.

[投与期間終了時]

(1) 雄：主試験群

20 mg/kg 群では，APTT の有意な延長がみられたが，用量に依存していないことから，偶発的変動と考えられた．60 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．200 mg/kg 群では，対照群と比較して白血球分画の好中球 (Neutrophil) に有意な高値がみられた．同群のその他の項目には有意な差はみられなかった.

(2) 雌：主試験群

20 mg/kg 群では，対照群と比較して血小板数 (Palatelet) に有意な高値がみられたが，用量に依存していないことから，偶発的変動と考えられた．60 および 200 mg/kg 群では，いずれ

の項目にも対照群と比較して有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，対照群と比較して赤血球数 (RBC) に有意な低値がみられた．また，Neutrophil に有意な高値がみられた.

[回復期間終了時]

(1) 雄：サテライト群

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

4.1.8 血液化学的検査

血液化学的検査の成績を Table 12-1 ~ 12-7，Appendix 12-1 ~ 12-14 に示す.

[投与期間終了時]

(1) 雄：主試験群

20 および 60 mg/kg 群では, いずれの項目にも対照群と比較して有意な差はみられなかった. 200 mg/kg 群では，グルコース (Glucose)，総蛋白 (TP)，およびアルブミン (Alb [g/dL]) の有意な低値がみられた．しかし，Glucose および Alb (g/dL) については，個々の値は試験施設の背景データ (Glucose，平均値±SD 161.4±22.0 mg/dL，最小値 ~ 最大値 121 ~ 235 mg/dL；Alb [g/dL]，平均値±SD 2.601±0.125 g/dL，最小値 ~ 最大値 2.23 ~ 2.92 g/dL；例数 156，試験期間 2017 ~ 2021 年)[5] の範囲内または近傍にあることから，被験物質投与との関連はないと考えられた.

(2) 雌：主試験群

20 および 60 mg/kg 群では, いずれの項目にも対照群と比較して有意な差はみられなかった. 200 mg/kg 群では，A/G 比の有意な低値がみられた．しかし，関連項目に変化はみられず，個々の値は試験施設の背景データ (平均値±SD 0.908±0.068, 最小値 ~ 最大値 0.81 ~ 1.08, 例数 25, 試験期間 2017 ~ 2021 年)[5] の範囲内または近傍にあることから，被験物質投与との関連はないと考えられた.

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，対照群と比較して TP の有意な低値，A/G 比の有意な高値，ならびに蛋白分画のうちのアルブミン (Alb [%]) の有意な高値および γ-グロブリン (γ-G) の有意な低値がみられた．しかし，A/G 比，Alb (%) および γ-G については，個々の値は試験施設の背景データ (A/G 比，平均値±SD 1.137±0.125，最小値 ~ 最大値 0.82 ~ 1.45；Alb [%]，平均値±SD 53.06±2.74%，最小値 ~ 最大値 45.1 ~ 59.1%；γ-G，平均値±SD 6.74±1.44%，最小値 ~ 最大値

3.2 ~ 13.4% ; 例数 146，試験期間 2017 ~ 2021 年)[5] の範囲内または近傍にあることから，被験物質投与との関連はないと考えられた.

[回復期間終了時]

(1) 雄：サテライト群

200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，総コレステロール (T-Cho) に対照群と比較して有意な高値がみられた. しかし，投与期間終了時にはみられない変化であり，個々の値は試験施設の背景データ (平均値±SD 66.7±13.7 mg/dL, 最小値 ~ 最大値 37 ~ 112 mg/dL, 例数 146, 試験期間 2017 ~ 2021 年)[5] の範囲内にあることから，被験物質投与との関連はないと考えられた. また，同群では，A/G 比，Alb (g/dL) および Alb (%) に対照群と比較して有意な高値がみられたが，個々の値はいずれも試験施設の背景データ (A/G 比および Alb [%], セクション 4.1.8 [投与期間終了時] (3) 参照 ; Alb [g/dL], 平均値±SD 3.263±0.308 g/dL，最小値 ~ 最大値 2.62 ~ 4.26 g/dL，例数 146，試験期間 2017 ~ 2021 年)[5] の範囲内にあることから，被験物質投与との関連はないと考えられた.

4.1.9 血清 T4 濃度

血清 T4 濃度を Table 13，Appendix 13-1 ~ 13-4 に示す.

[投与期間終了時]

(1) 雄：主試験群

雄親動物の血清 T4 濃度には，被験物質投与群と対照群の間に有意な差はみられなかった.

4.1.10 剖検

剖検所見を Table 14-1 ~ 14-7，Appendix 14-1 ~ 14-17 に示す.

[投与期間終了時]

(1) 雄：主試験群

対照群，20 および 60 mg/kg 群では，異常所見はみられなかった. 200 mg/kg 群では，腺胃に限局性の白色隆起が 2 例 (動物番号 10402 および 10407) に，動物番号 10407 には前胃にも限局性の白色隆起がみられた.

(2) 雌：主試験群

対照群では，腺胃に多巣性の黒色巣が 1 例 (動物番号 50161) にみられた. 20 mg/kg 群では異常所見はみられなかった. 60 mg/kg 群では，腎臓の大型 (片側) が 1 例 (動物番号 50361) にみられた. 200 mg/kg 群では，前胃に限局性の白色隆起が 4 例 (動物番号 50453, 50454, 50459, 50462) に，腺胃に多巣性の黒色巣が 1 例 (動物番号 50452) にみられた.

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，腺胃に限局性の白色隆起が 1 例 (動物番号 50653) にみられた．対照群では異常所見はみられなかった．

[回復期間終了時]

(1) 雄：サテライト群

対照群および 200 mg/kg 群ともに異常所見はみられなかった．

(2) 雌：サテライト群 (非交配群)

対照群および 200 mg/kg 群ともに異常所見はみられなかった．

4.1.11 器官重量

器官重量を Table 15-1 ~ 15-7，Appendix 15-1 ~ 15-20 に示す．

[投与期間終了時]

(1) 雄：主試験群

20 mg/kg 群では，腎臓の相対重量に対照群と比較して有意な高値がみられたが，用量に依存していないことから，偶発的変動と考えられた．60 mg/kg 群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった．200 mg/kg 群では，精巣の絶対および相対重量に有意な高値がみられた．しかし，繁殖成績または病理組織学的検査に異常はみられず，個々の値は試験施設の背景データ (絶対重量，平均値±SD 3.406±0.303 g，最小値 ~ 最大値 2.21 ~ 4.37 g；相対重量，平均値±SD 0.620±0.074 g/100 gBW，最小値 ~ 最大値 0.45 ~ 0.79 g/100 gBW；例数 165，試験期間 2017 ~ 2021 年)[6] の範囲内または近傍にあることから，被験物質投与との関連はないと考えられた．同群のその他の器官には有意な変化は認められなかった．

(2) 雌：主試験群

20 および 60 mg/kg 群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった．200 mg/kg 群では，副腎の絶対および相対重量に有意な高値がみられた．しかし，病理組織学的検査で異常はみられず，個々の値は試験施設の背景データ (絶対重量，平均値±SD 76.1±9.5 mg，最小値 ~ 最大値 61 ~ 108 mg；相対重量，平均値±SD 22.752±2.927 mg/100 gBW，最小値 ~ 最大値 18.88 ~ 30.14 mg/100 gBW；例数 54，試験期間 2017 ~ 2021 年)[6] の範囲内または近傍にあることから，被験物質投与との関連はないと考えられた．同群のその他の器官には有意な変化は認められなかった．

(3) 雌：サテライト群 (非交配群)

200 mg/kg 群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった．

[回復期間終了時]

(1) 雄：サテライト群

200 mg/kg 群では，精嚢の絶対および相対重量に対照群と比較して有意な高値がみられた．その他の器官には有意な変化は認められなかった．しかし，これらは投与期間終了時にはみられない変化であり，個々の値は試験施設の背景データ (絶対重量，平均値±SD 2.307±0.311 g，最小値 ~ 最大値 1.22 ~ 3.25 g；相対重量，平均値±SD 0.426±0.077 g/100 gBW，最小値 ~ 最大値 0.19 ~ 0.69 g/100 gBW；例数 100，試験期間 2017 ~ 2021 年)[6] の範囲内にあることから，被験物質投与との関連はないと考えられた．

(2) 雌：サテライト群 (非交配群)

200 mg/kg 群では，脾臓の相対重量および副腎の絶対重量に対照群と比較して有意な低値がみられた．しかし，これらは投与期間終了時にはみられない変化であり，絶対または相対重量のいずれか一方の変化であることから，毒性学的意義はないと考えられた．

4.1.12 病理組織学的検査

病理組織学的所見を Table 16-1 ~ 16-23，Appendix 16-1 ~ 16-30 に示す．

[投与期間終了時]

(1) 雄：主試験群

全例を検査した胃では，対照群，20 および 60 mg/kg 群において，異常は認められなかった．200 mg/kg 群では，前胃に潰瘍が 1 例 (重度)，腺胃に潰瘍が 2 例 (中等度)，びらんが 4 例 (軽微 1，軽度 3)，粘膜下組織の炎症性細胞浸潤が 3 例 (軽度) にみられた．

200 mg/kg 群のその他の器官では，肺に血管の鉱質沈着が 2 例 (軽微)，限局性の出血が 1 例 (軽微)，心臓に限局性の炎症性細胞浸潤が 2 例 (軽微)，前立腺に間質の炎症が 3 例 (軽微)，下垂体に前葉嚢胞が 1 例 (軽微)，甲状腺に鰓後体遺残が 1 例 (軽微)，眼球に網膜異形成が 1 例 (軽微)，ハーダー腺に限局性の炎症性細胞浸潤が 1 例 (軽度) にみられた．しかし，これらは 1 例のみの発現あるいは対照群または試験施設の背景データ [7] に認められる所見であり，発現頻度の増加もみられないことから，被験物質投与と関連のない変化と考えられた．なお，20 mg/kg 群における生殖能異常例では，心臓に限局性の線維化が 1 例 (軽微)，前立腺に間質の炎症が 1 例 (軽微) にみられたのみで，生殖能異常の原因と考えられる異常は認められなかった．

(2) 雌：主試験群

全例を検査した胃では，20 および 60 mg/kg 群において，異常は認められなかった．200 mg/kg 群では，前胃に潰瘍が 4 例 (重度)，腺胃に潰瘍が 1 例 (中等度)，びらんが 1 例 (軽微)，粘膜下組織の炎症性細胞浸潤が 8 例 (軽微 7，軽度 1) にみられた．これらのうち粘膜下組織の炎症性細胞浸潤の発現頻度は対照群と比較して有意に増加した．また，対照群で胃に肉眼的異常がみられた 1 例では腺胃にびらん (軽微) がみられたが，自然発生性 [8]の変化と考えられた．

200 mg/kg 群のその他の器官では，肺に肺胞マクロファージ集簇が 1 例 (軽微)，腎臓に限局性尿細管好塩基性化が 1 例 (軽微)，胸腺に上皮細胞遺残が 4 例 (軽微)，下垂体に前葉嚢胞が 1 例 (軽微)，甲状腺に鰓後体遺残が 3 例 (軽微) にみられた．しかし，これらは 1 例のみの発現あるいは対照群または試験施設の背景データ [7] に認められる所見であり，発現頻度の増加もみられないことから，被験物質投与と関連のない変化と考えられた．剖検時にみられた肉眼的異常部位 (動物番号 50361 の腎臓) では，腎芽腫がみられたが，高用量群では認められないことから，自然発生性 [8] の変化であると考えられた．なお，20 mg/kg 群における生殖能異常例では，1 例に腎臓の腎盂粘膜に炎症性細胞浸潤 (軽微) および甲状腺に鰓後体遺残 (軽微) がみられたのみで，生殖能異常の原因と考えられる異常は認められなかった．

(3) 雌：サテライト群 (非交配群)

全例を検査した胃では，対照群において異常は認められなかった．200 mg/kg 群では，腺胃に潰瘍が 1 例 (中等度)，びらんが 4 例 (軽微)，粘膜下組織の炎症性細胞浸潤が 3 例 (軽微) にみられた．これらのうちびらんの発現頻度は対照群と比較して有意に増加した．

200 mg/kg 群のその他の器官では，肝臓に小肉芽腫が 1 例 (軽微)，甲状腺に鰓後体遺残が 1 例 (軽微) にみられたが，対照群または試験施設の背景データ [7] に認められる所見であり，発生頻度の増加はみられないことから，被験物質投与と関連のない変化と考えられた．

[回復期間終了時]

(1) 雄：サテライト群

対照群の胃には異常はみられなかった．200 mg/kg 群の胃では，腺胃に粘膜下組織の炎症性細胞浸潤が 3 例 (軽微) にみられた．

(2) 雌：サテライト群 (非交配群)

対照群の胃には異常はみられなかった．200 mg/kg 群の胃では，腺胃に粘膜下組織の炎症性細胞浸潤が 4 例 (軽微) にみられ，発現頻度が対照群と比較して有意に増加した．

4.2 生殖発生毒性

4.2.1 性周期検査

性周期検査の成績を Table 17，Appendix 17-1 ~ 17-8 に示す．

交配前 14 日間の性周期観察において，性周期の異常の発現率，発情期間隔および発情回数には被験物質投与群と対照群の間に有意な差はみられなかった．

4.2.2 生殖能検査

生殖能検査の成績を Table 18-1 および 18-2，Appendix 18-1 ~ 18-8 に示す．

交尾率，受胎率および交尾所要日数には，被験物質投与群と対照群の間に有意な差はみられなかった．

4.2.3 分娩および哺育状態観察

分娩および哺育状態観察の成績を Table 19-1 および 19-2，Appendix 19-1 ~ 19-8 に示す.

着床数，分娩率，妊娠期間，出産率，出産児数，出産時の生存児数および死亡児数，ならびに性比には，被験物質投与群と対照群の間に有意な差はみられなかった．出産生児の外表検査では，60 mg/kg 群の雄 1 例 (母動物番号 50360) に索状尾がみられたが，1 例のみの発生であり，高用量群では異常がみられないことから，被験物質投与に関連しないと考えられた．その他の試験群では異常はみられなかった.

4.2.4 新生児の一般状態および生存率

新生児の一般状態および生存率の成績を Table 20 および 21，Appendix 20-1 ~ 20-16 および 21-1 ~ 21-4 に示す.

生後 0 日から 4 日の一般状態に, 60 mg/kg 群の雄 1 例に索状尾がみられた (セクション 4.2.3 参照)．その他の試験群では異常はみられなかった．生後 5 日から 13 日の一般状態にはいずれの試験群にも異常はみられなかった．生後 0 日，4 日および 13 日の新生児の生存率には，被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.5 新生児の体重

新生児の体重を Figure 3，Table 22，Appendix 22-1 ~ 22-4 に示す.

生後 0 日，4 日，7 日および 13 日の体重には，雌雄とも被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.6 新生児の肛門生殖突起間距離 (AGD)

新生児の肛門生殖突起間距離を Table 23，Appendix 23-1 ~ 23-4 に示す.

生後 4 日の肛門生殖突起間距離および体重の立方根で除した値には, 雌雄とも被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.7 新生児の乳頭数

新生児の乳頭数を Table 24，Appendix 24-1 ~ 24-4 に示す.

乳頭は，生後 13 日の雄新生児のいずれにも観察されなかった.

4.2.8 新生児の血清 T4 濃度

生後 13 日の新生児の血清 T4 濃度を Table 25，Appendix 25-1 ~ 25-4 に示す.

生後 13 日の新生児の血清 T4 濃度には, 被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.9 新生児の剖検

新生児の剖検所見を Table 26，Appendix 26-1 ~ 26-4 に示す.

生後 13 日の生存児の剖検では，いずれの試験群にも異常はみられなかった.

生後 0 日に発見された死亡児では，いずれの動物にも異常はみられなかった．生後 1-13 日の間には死亡児の発見はみられなかった.

5 考察

5.1 反復投与毒性

20 および 60 mg/kg 群では，投与期間中の一般状態，詳細な状態観察，機能検査，尿検査，体重，体重増加量，摂餌量，血液学的検査，血液化学的検査，T4 濃度，器官重量，剖検および病理組織学的検査の各検査項目に，被験物質投与に関連する変化はみられなかった.

200 mg/kg 群では，投与期間中の一般状態の変化として，雌雄のほぼ全例に粘液便がみられた．雌雄とも体重には対照群と比較して有意な差はみられなかったが，雄の投与期間中の体重増加量に低値がみられた．摂餌量では，雄および非交配群の雌で投与 4 および 7 日に低値または低値傾向がみられた．これらの変化はいずれも，被験物質投与の影響と考えられた．血液学的検査では，雄および非交配群の雌の Neutrophil に高値がみられ，非交配群の雌では加えて RBC に低値がみられた. 血液化学的検査では, 雄および非交配群の雌の TP に低値がみられた. 剖検では, 雌雄で, 前胃または腺胃に限局性の白色隆起がみられ, 胃の病理組織学的検査では, 前胃に潰瘍，腺胃に潰瘍，びらんおよび粘膜下組織の炎症性細胞浸潤がみられた．これらの所見は，胃粘膜の出血または炎症が起こったことを示しており，本被験物質の刺激性に起因する変化と考えられた．血液学的検査および血液化学的検査でみられた変化も，胃粘膜に認められた変化と関連していると考えられた．その他の器官・組織の病理組織学的検査または器官重量では，被験物質投与に関連すると考えられる変化はみられなかった.

回復群の観察では，一般状態，体重，摂餌量，血液学的検査，血液化学的検査および剖検において認められた変化は，回復 2 日以降および回復期間終了時の検査では認められず，回復性を示した．また，胃の病理組織学的検査では，腺胃の粘膜下組織の炎症性細胞浸潤のみが雌雄にみられたが，程度が低下し，回復性が認められた.

以上のように，200 mg/kg 群において，雌雄で一般状態の変化 (粘液便)，摂餌量の抑制，胃の肉眼所見および病理組織学的変化，Neutrophil の高値，TP の低値，雄で体重増加抑制，雌で RBC の低値がみられた．これらのことから，本試験条件下におけるポリ (オキシメチレン) の反復投与毒性に関する無毒性量 (NOAEL) は雌雄とも 60 mg/kg/day と考えられた.

5.2 生殖発生毒性

生殖能検査では，性周期の異常の発現率，発情期間隔および発情回数，交尾率，受胎率，交尾所要日数，着床数，分娩率，妊娠期間，出産率，出産児数，ならびに出産時の生存児数および死亡児数に，200 mg/kg 群まで被験物質投与に関連する変化はみられなかった．

新生児の体重，一般状態，生存率，性比，外表異常児出現率，肛門生殖突起間距離，乳頭数，T4 濃度および剖検に，200 mg/kg 群まで被験物質投与に関連する変化はみられなかった．

以上のことから，本試験条件下におけるポリ (オキシメチレン) の親動物の生殖ならびに新生児の発生に対する無毒性量 (NOAEL) はいずれも 200 mg/kg/day と考えられた．

6 試験成績の信頼性に影響を及ぼしたと思われる環境要因

MiTOX 操作において，2020 年 12 月 25 日に動物番号 50551 の投与前の一般状態を，誤って投与後の一般状態の収集枠に入力した．また，2021 年 1 月 15 日には動物番号 10105 の午前の一般状態を，誤って午後の一般状態の収集枠に入力した．MiTOX システムの仕様上，入力データを削除することができないため，これらの動物の投与後または午後の一般状態をオンラインで採取することができなくなった．しかし，これらのデータは記録用紙で採取したので，データの欠測はなかった．従って，この逸脱が試験の信頼性に及ぼす影響はないと判断した．

2021 年 1 月 20 日に動物番号 50557 の回復終了時の剖検時の採血の際，採血針を挿入後に針の先端が大きく動いたため，腹部大動脈が破損し，血液量を十分採取することができなかった．このため，3.8%クエン酸ナトリウム処理血液およびヘパリンナトリウム処理血液は得られず，T4 測定用の血清サンプルの保存はできなかった．また，EDTA・2K 処理血液は凝固が認められたため，測定に使用しなかった．その結果，対照群 (サテライト) の雌の血液学的検査および血液化学的検査の一部のデータ数が 4 となったが，評価に十分な数であることから，このことによる試験の信頼性に及ぼす影響はないと判断した．

試験計画書では，生後 13 日新生児の T4 測定用血清を約 100 μL ずつ 4 本に分注すると規定されていたが，母動物番号 50251 の新生児について血清量が十分採取できなかったため，約 260 μL を 3 本に分注した．T4 測定に必要な血清量は最低 50 μL であることから，当該母動物の新生児の T4 測定に支障をきたすことはないと考えられ，試験の信頼性に及ぼす影響はないと判断した．

その他に試験成績の信頼性に影響を及ぼしたと思われる環境要因はなかった．

7 資料の保存

7.1 資料の種類

以下を株式会社化合物安全性研究所の資料保存室に保存する.

1. 試験計画書および試験計画書変更書
2. 生データその他の記録文書
3. 最終報告書
4. 標本
5. 被験物質サンプル

7.2 保存期間

試験終了後 10 年間保存し，その後の保存については試験委託者との協議により決定する.

8 参考資料

1) SIGMA-ALDRICH 試薬ウエブサイト, パラホルムアルデヒド,
https://www.sigmaaldrich.com/catalog/product/aldrich/441244?lang=Ja&region=JP
2) 安全データシート パラホルムアルデヒド, [redacted]
3) [redacted]試薬ウエブサイト, パラホルムアルデヒド,
[redacted]
4) 最終報告書：ポリ (オキシメチレン) のラットにおける反復投与毒性･生殖発生毒性併合試験のための予備試験 (SR20233), 株式会社化合物安全性研究所 2020 年
5) 血液化学的検査 背景データ Crl:CD(SD) ラット (雌雄：15 ~ 20 週齢) (2017 ~ 2021 年) 株式会社化合物安全性研究所 社内資料
6) 器官重量 背景データ Crl:CD(SD) ラット (雌雄 : 15 ~ 20 週齢) (2017 ~ 2021 年) 株式会社化合物安全性研究所 社内資料
7) 病理組織学的検査 背景データ Crl:CD(SD) ラット (雌雄：15 ~ 20 週齢) (2017 ~ 2021 年) 株式会社化合物安全性研究所 社内資料
8) 日本毒性病理学会編．新毒性病理組織学．西村書店．東京．2017 年

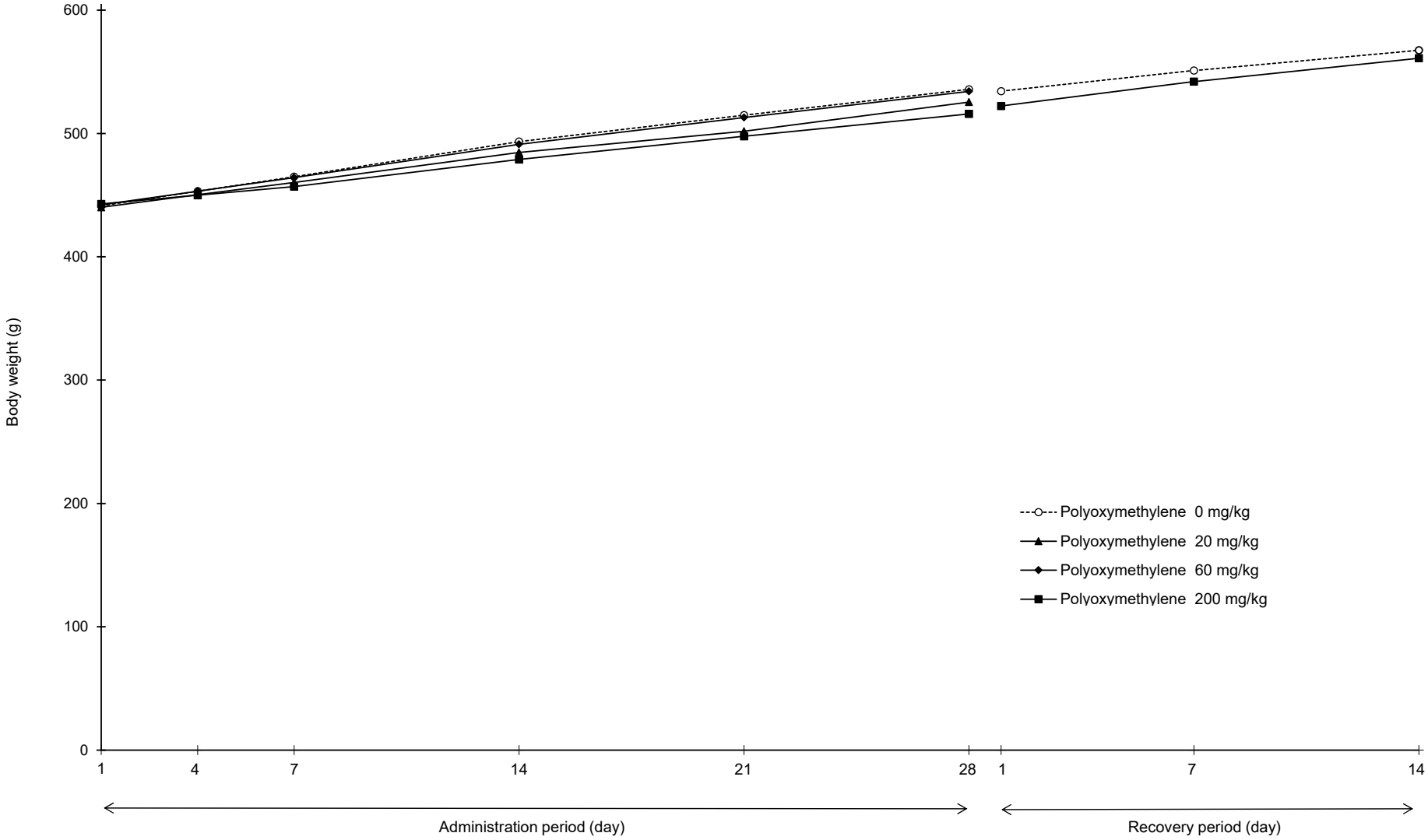
Figure 1 - 1

Study No. : SR20234

Body weight, Male

Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat



Not significantly different from Polyoxymethylene 0 mg/kg

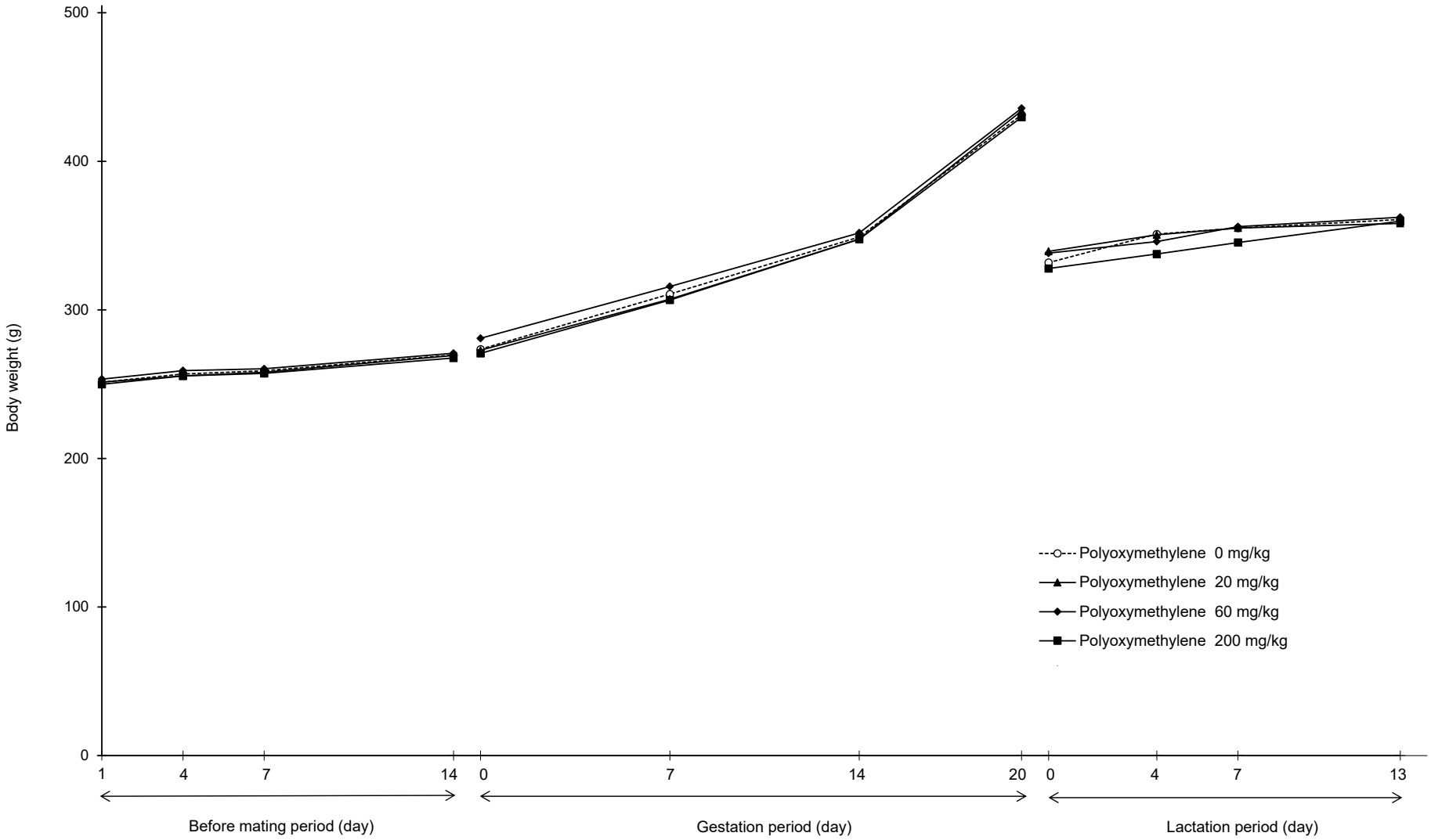
Figure 1 - 2

Study No. : SR20234

Body weight, Female

Period : F0 before mating Day 1-14, F0 gestation Day 0-20, F0 lactation Day 0-13

Species : Rat



Not significantly different from Polyoxymethylene 0 mg/kg

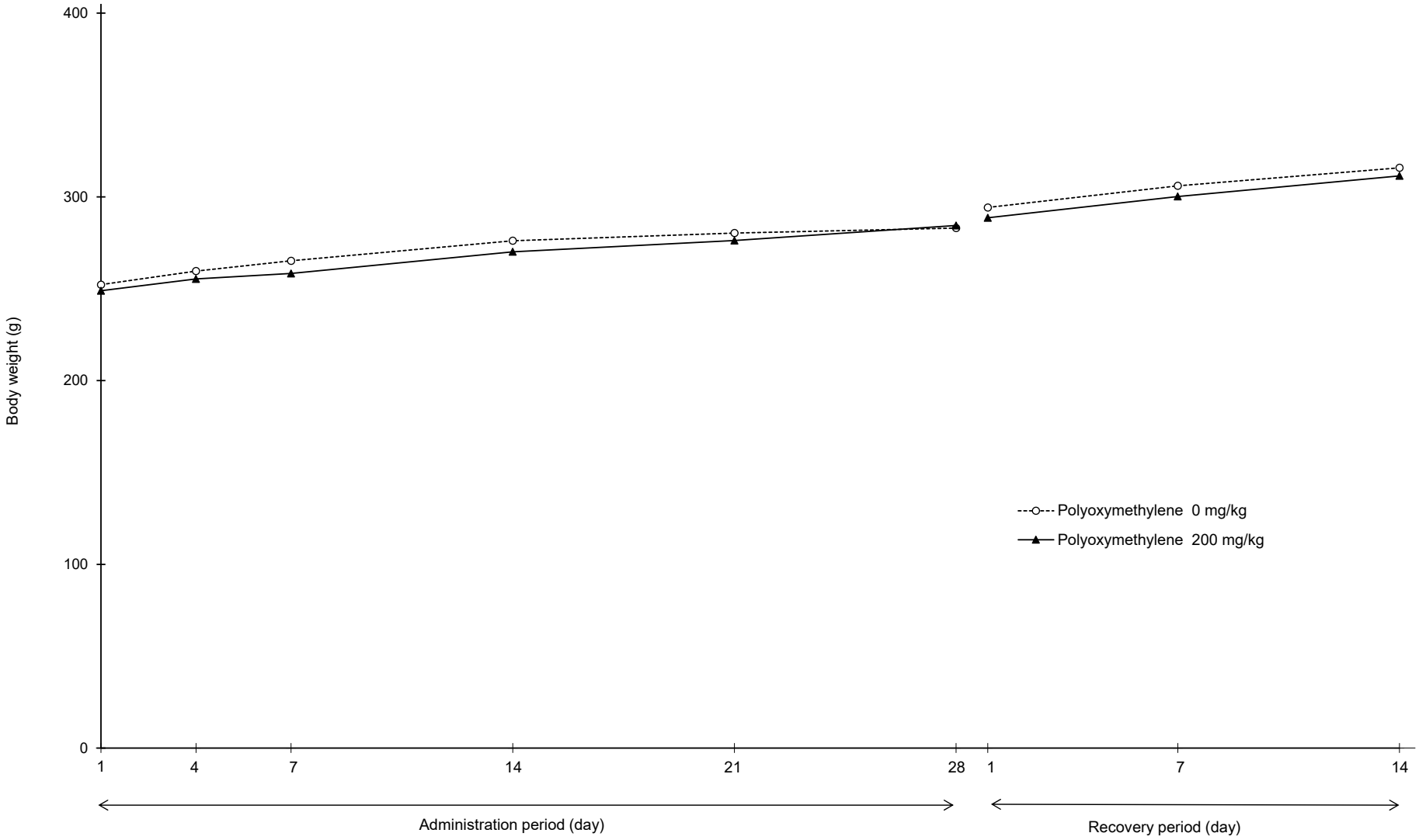
Figure 1 - 3

Study No. : SR20234

Body weight, Female (satellite)

Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat



Not significantly different from Polyoxymethylene 0 mg/kg

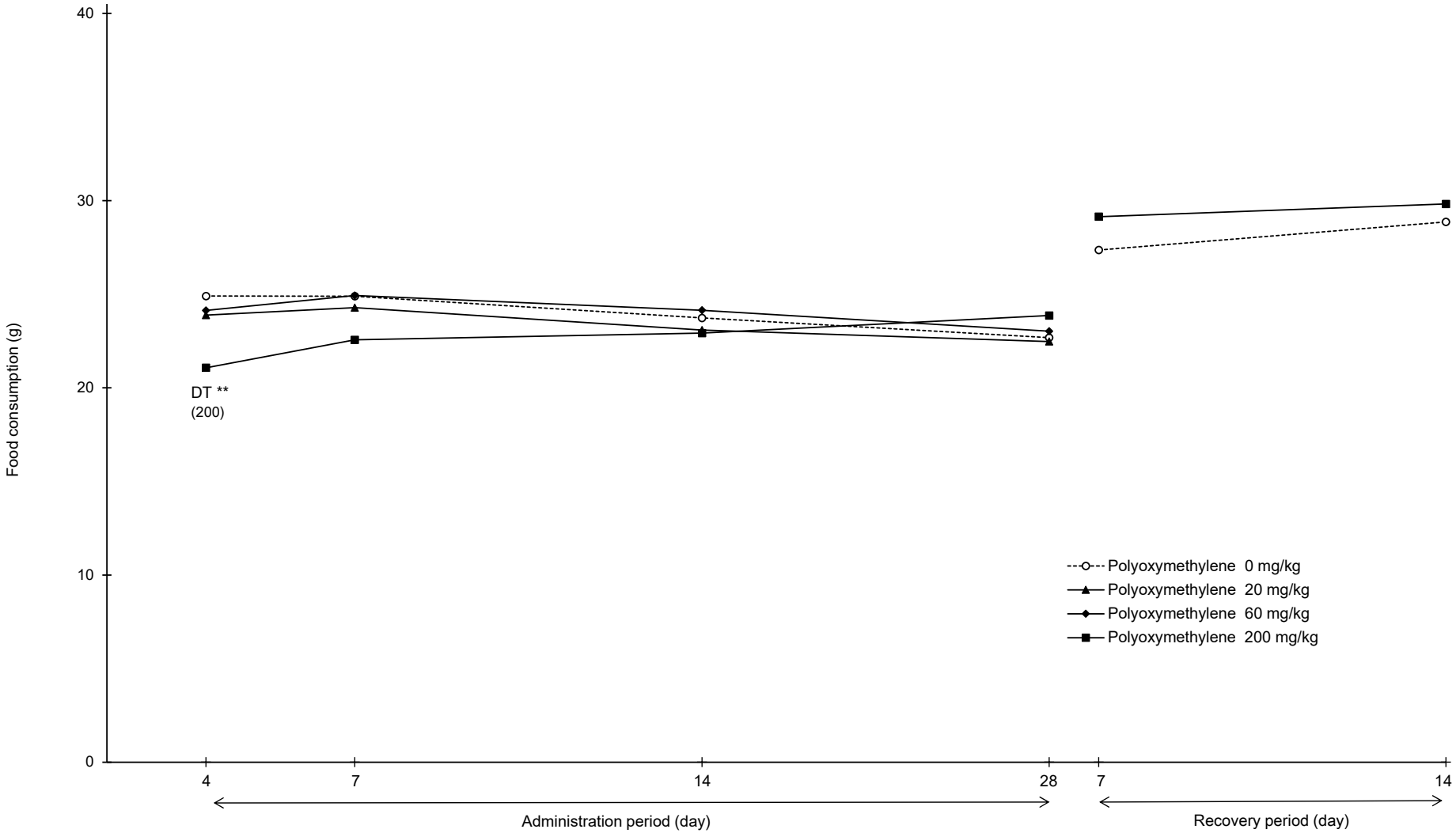
Figure 2 - 1

Study No. : SR20234

Food consumption, Male

Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat



Significantly different from Polyoxymethylene 0 mg/kg: ** P<0.01
DT : Dunnett test (two-side)

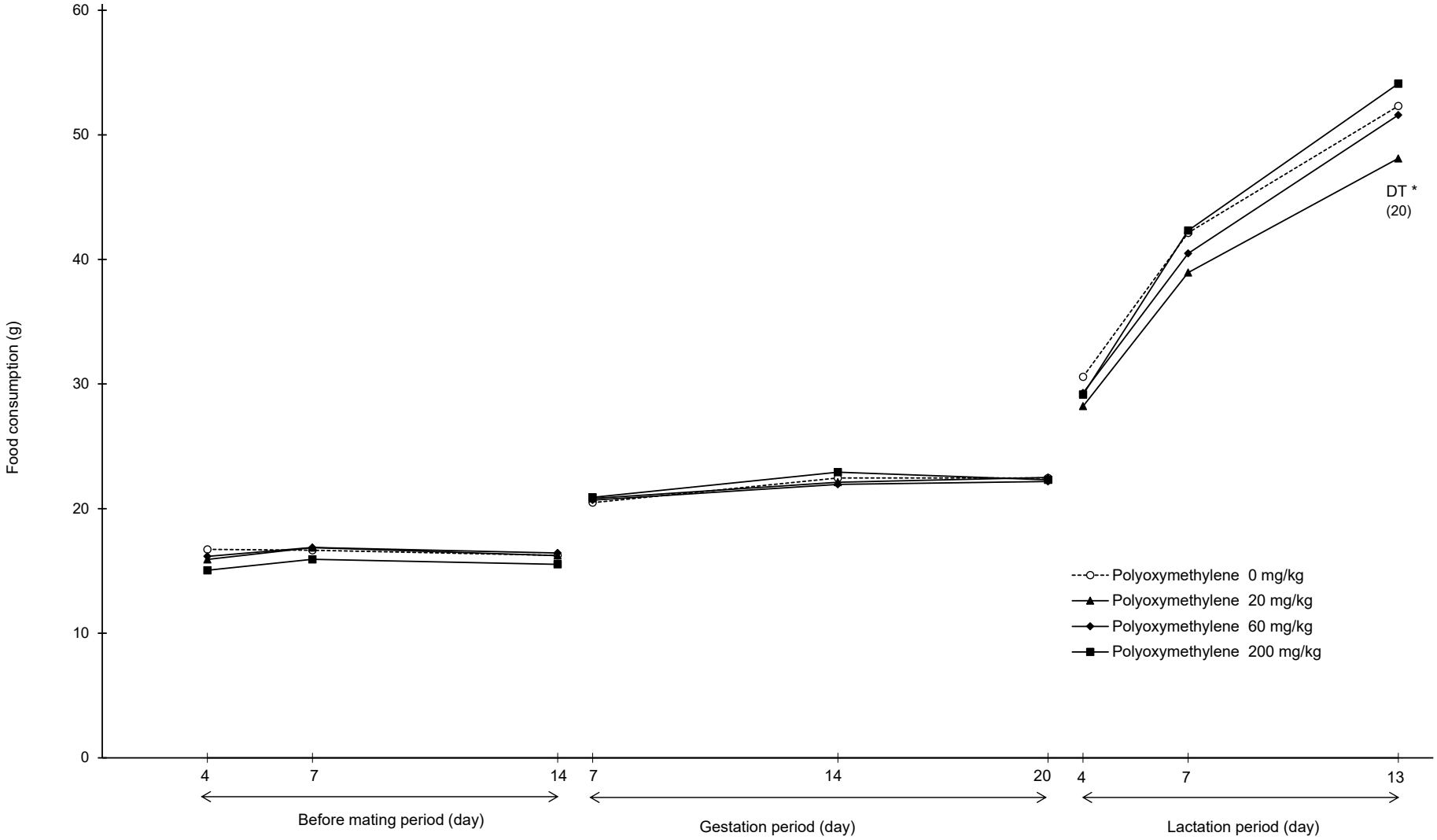
Figure 2 - 2

Study No. : SR20234

Food consumption, Female

Period : F0 before mating Day 1-14, F0 gestation Day 0-20, F0 lactation Day 0-13

Species : Rat



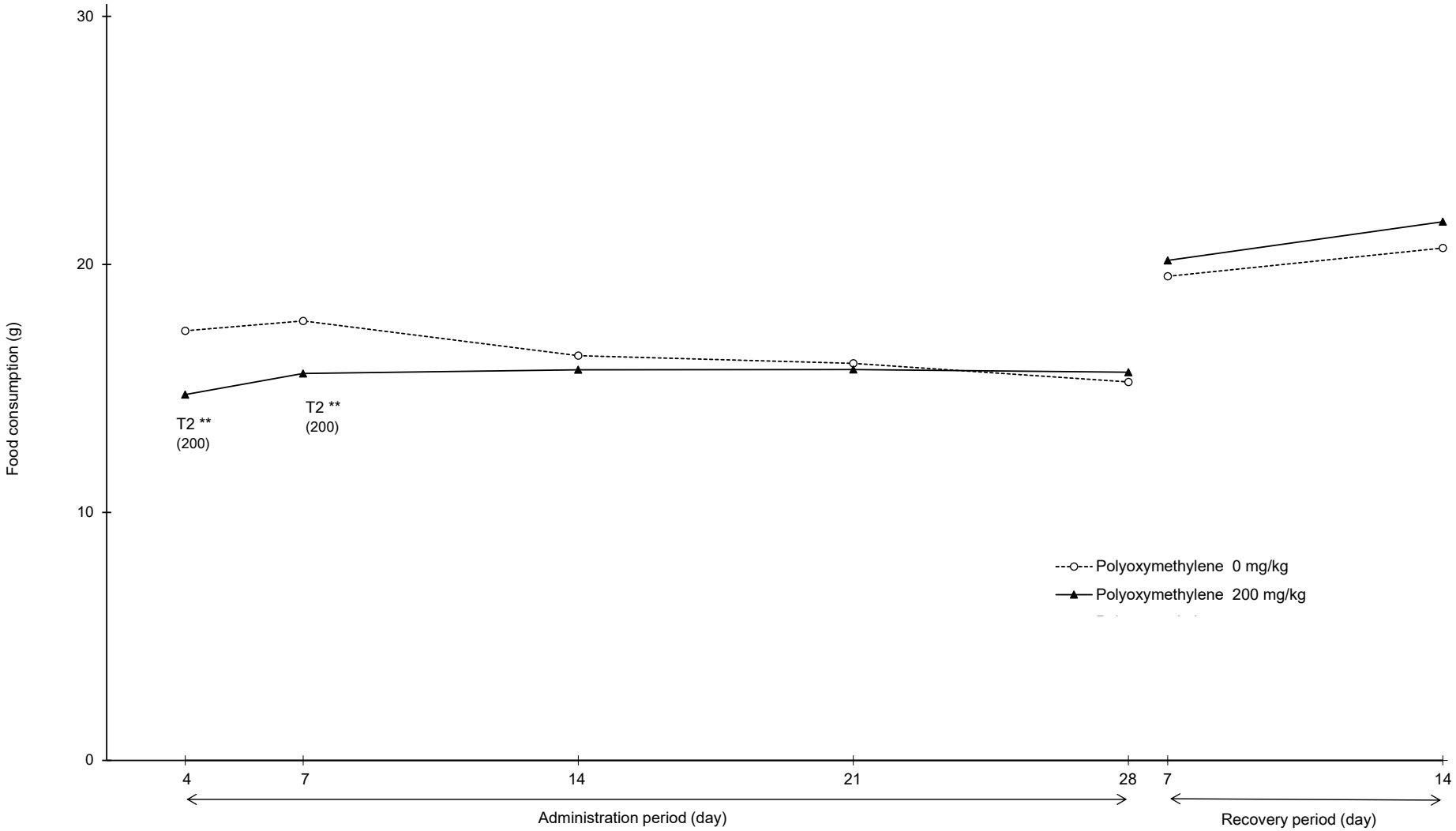
Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05
DT : Dunnett test (two-side)

Figure 2 - 3

Study No. : SR20234

Food consumption, Female (satellite) Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat



Significantly different from Polyoxymethylene 0 mg/kg: ** P<0.01
T2 : Student t-test (two-side)

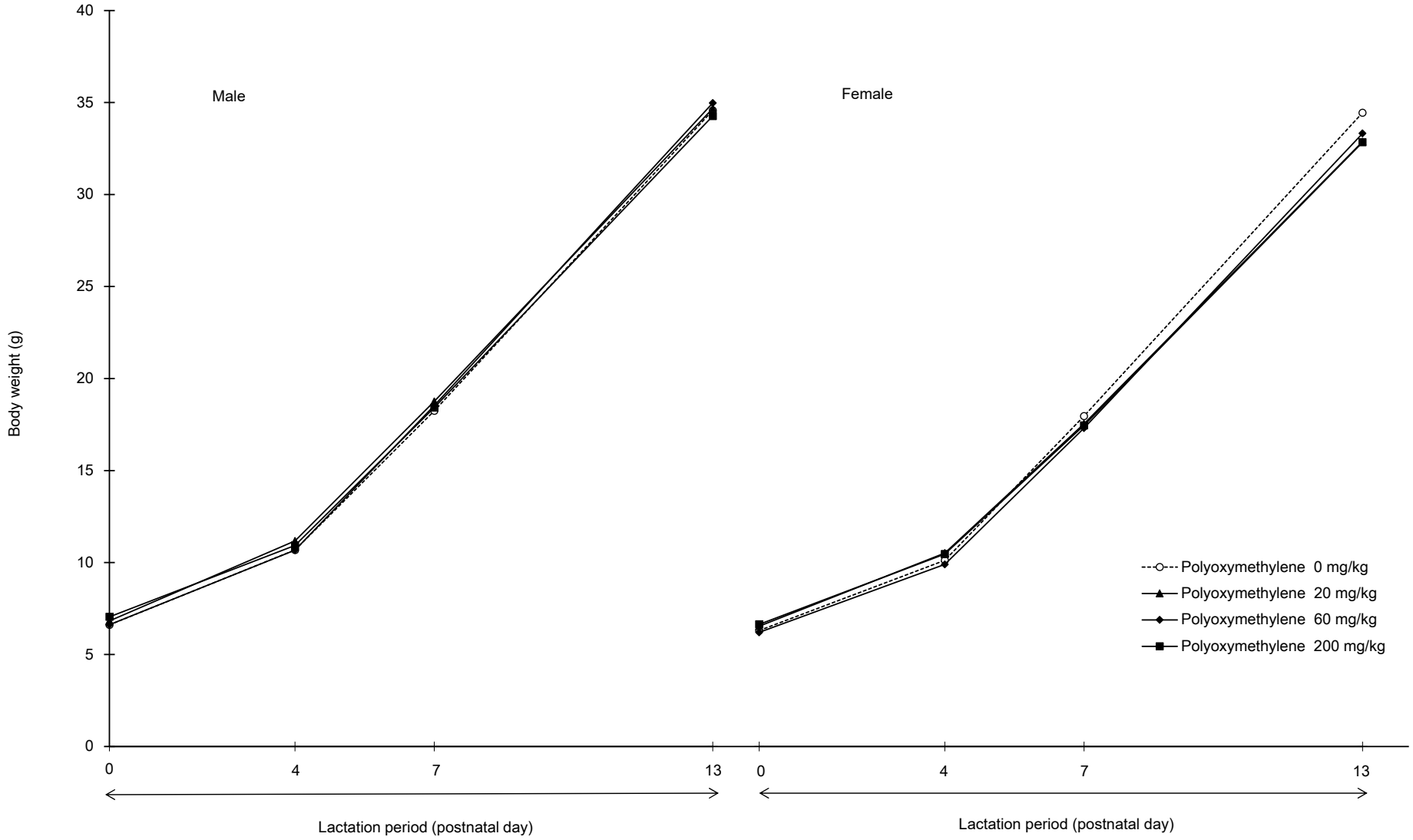
Figure 3

Study No. : SR20234

Body weight of offspring

Period : Postnatal Day 0-13

Species : Rat



Not significantly different from Polyoxymethylene 0 mg/kg

Table 1 - 1

Study No. : SR20234

Clinical sign

Period : Administration Day 1-29

Sex : Male

Species : Rat

Test article		Day	1		2		3		4		5		6		7		8	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
20 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Swelling (left hindlimb)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trauma (left hindlimb)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	11	8	12	7	12	8	12	8	11	9	12	11	12	7	12
	Mucous feces		0	1	4	0	5	0	4	0	4	1	3	0	1	0	5	0

Test article		Day	9		10		11		12		13		14		15		16	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
20 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11
	Swelling (left hindlimb)		0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	Trauma (left hindlimb)		0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12
	Mucous feces		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		7	11	8	12	9	12	9	12	10	12	10	12	12	12	11	12
	Mucous feces		5	1	4	0	3	0	3	0	2	0	2	0	0	0	1	0

Test article		Day	17		18		19		20		21		22		23		24	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
20 mg/kg	No abnormality		11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Swelling (left hindlimb)		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trauma (left hindlimb)		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		9	12	7	12	11	12	9	12	9	12	10	12	9	11	4	12
	Mucous feces		3	0	5	0	1	0	3	0	3	0	2	0	3	1	8	0

1 : Before dosing, 2 : After dosing

Table 1 - 2

Study No. : SR20234

Clinical sign

Period : Administration Day 1-29

Sex : Male

Species : Rat

Test article		Day	25		26		27		28		29
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	3
Polyoxymethylene	n		12	12	12	12	12	12	12	12	7
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	7
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12
20 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12
	Swelling (left hindlimb)		0	0	0	0	0	0	0	0	0
	Trauma (left hindlimb)		0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12
	Mucous feces		0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	7
200 mg/kg	No abnormality		8	12	7	12	9	12	8	12	7
	Mucous feces		4	0	5	0	3	0	4	0	0

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 3

Study No. : SR20234

Clinical sign

Period : Administration Day 1-52

Sex : Female

Species : Rat

Test article		Day	1		2		3		4		5		6		7		8	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
20 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Trauma (abdomen)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	11	12	7	12	10	12	10	12	11	12	11	12	11	12
	Mucous feces		0	0	1	0	5	0	2	0	2	0	1	0	1	0	1	0

Test article		Day	9		10		11		12		13		14		15		16	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	9	9	6	6
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	9	9	6	6
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	6	6	5	5
20 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	6	6	5	5
	Trauma (abdomen)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	8	8	7	7
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	8	8	7	7
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	7	7	5	5
200 mg/kg	No abnormality		10	12	11	12	8	12	9	12	10	12	10	11	7	7	5	5
	Mucous feces		2	0	1	0	4	0	3	0	2	0	2	1	0	0	0	0

Test article		Day	17		18		19		20		21		22		23		24	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		4	4	1	1	1	1	1	1	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		4	4	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Polyoxymethylene	n		4	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1
20 mg/kg	No abnormality		4	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1
	Trauma (abdomen)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1
60 mg/kg	No abnormality		4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Polyoxymethylene	n		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 mg/kg	No abnormality		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1 : Before dosing, 2 : After dosing

Table 1 - 4

Study No. : SR20234

Clinical sign

Period : Administration Day 1-52

Sex : Female

Species : Rat

Test article		Day	25		26		27		28		29		30		31		32
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 mg/kg	No abnormality		1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
	Trauma (abdomen)		0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
Polyoxymethylene	n		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
60 mg/kg	No abnormality		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Test article		Day	32		33		34		35		36		37		38		39		40
Dose	Clinical signs	Time	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Trauma (abdomen)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Test article		Day	40		41		42		43		44		45		46		47		48
Dose	Clinical signs	Time	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Trauma (abdomen)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1 : Before dosing, 2 : After dosing

Table 1 - 5

Study No. : SR20234

Clinical sign

Period : Administration Day 1-52

Sex : Female

Species : Rat

Test article		Day	48	49		50		51		52
Dose	Clinical signs	Time	2	1	2	1	2	1	2	3
Polyoxymethylene	n		0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0
Polyoxymethylene	n		1	1	1	1	1	1	1	1
20 mg/kg	No abnormality		1	1	1	1	1	1	1	1
	Trauma (abdomen)		0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0
60 mg/kg	No abnormality		0	0	0	0	0	0	0	0
Polyoxymethylene	n		0	0	0	0	0	0	0	0
200 mg/kg	No abnormality		0	0	0	0	0	0	0	0
	Mucous feces		0	0	0	0	0	0	0	0

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 6

Study No. : SR20234

Clinical sign
Sex : Female

Period : F0 gestation Day 0-22

Species : Rat

Test article		Day	0		1		2		3		4		5		6		7	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	11	12	10	12	12	12	12	12	12	12	12	12	11	12
	Mucous feces		0	0	1	0	2	0	0	0	0	0	0	0	0	0	1	0

Test article		Day	8		9		10		11		12		13		14		15	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	10	12	9	12	10	12	8	12	7	11
	Mucous feces		0	0	0	0	0	0	2	0	3	0	2	0	4	0	5	1

Test article		Day	16		17		18		19		20		21		22	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	2	2
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	2	2
Polyoxymethylene	n		10	10	10	10	10	10	10	10	10	10	10	10	1	1
20 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	1	1
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	2	2
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	2	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	5	5
200 mg/kg	No abnormality		8	12	7	12	12	12	12	12	12	12	12	12	5	5
	Mucous feces		4	0	5	0	0	0	0	0	0	0	0	0	0	0

1 : Before dosing, 2 : After dosing

Table 1 - 7

Study No. : SR20234

Clinical sign

Period : F0 lactation Day 0-14

Sex : Female

Species : Rat

Test article		Day	0		1		2		3		4		5		6		7	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article		Day	8		9		10		11		12		13		14
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		10	10	10	10	10	10	10	10	10	10	10	10	10
20 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12
Polyoxymethylene	n		12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 8

Study No. : SR20234

Clinical sign

Period : Administration Day 1-29

Sex : Female (satellite)

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
200 mg/kg	No abnormality			10	10	10	9	7	10	8	10	9	10	8	10	9	10	8	10
	Mucous feces			0	0	0	1	3	0	2	0	1	0	2	0	1	0	2	0

Test article			Day	9		10		11		12		13		14		15		16	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
200 mg/kg	No abnormality			9	10	8	10	9	10	8	10	9	10	9	10	10	10	10	10
	Mucous feces			1	0	2	0	1	0	2	0	1	0	1	0	0	0	0	0

Test article			Day	17		18		19		20		21		22		23		24	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Polyoxymethylene	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
200 mg/kg	No abnormality			9	10	9	10	7	10	9	10	8	10	8	10	8	9	5	10
	Mucous feces			1	0	1	0	3	0	1	0	2	0	2	0	2	1	5	0

Test article			Day	25		26		27		28		29
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	3
Polyoxymethylene	n			10	10	10	10	10	10	10	10	5
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	5
Polyoxymethylene	n			10	10	10	10	10	10	10	10	5
200 mg/kg	No abnormality			9	10	5	10	8	10	9	9	3
	Mucous feces			1	0	5	0	2	0	1	1	2

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 9

Study No. : SR20234

Clinical sign

Period : Recovery Day 1-15

Sex : Male

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Polyoxymethylene	n			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
200 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Test article			Day	9		10		11		12		13		14		15
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
Polyoxymethylene	n			5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5
Polyoxymethylene	n			5	5	5	5	5	5	5	5	5	5	5	5	5
200 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5

1 : AM, 2 : PM, 3 : Necropsy day

Table 1 - 10

Study No. : SR20234

Clinical sign

Period : Recovery Day 1-15

Sex : Female (satellite)

Species : Rat

Test article		Day	1		2		3		4		5		6		7		8	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Polyoxymethylene	n		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Polyoxymethylene	n		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
200 mg/kg	No abnormality		4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Mucous feces		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Test article		Day	9		10		11		12		13		14		15	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3	
Polyoxymethylene	n		5	5	5	5	5	5	5	5	5	5	5	5	5	
0 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5	
Polyoxymethylene	n		5	5	5	5	5	5	5	5	5	5	5	5	5	
200 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5	
	Mucous feces		0	0	0	0	0	0	0	0	0	0	0	0	0	

1 : AM, 2 : PM, 3 : Necropsy day

Table 2 - 1

Study No. : SR20234

Detailed clinical observation (in the cage)

Sex : Male

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 2 - 2

Study No. : SR20234

Detailed clinical observation (in the cage)

Sex : Female

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 2 - 3

Study No. : SR20234

Detailed clinical observation (in the cage)

Sex : Female

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Day 35	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	11	11	11	11	11	11
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
Day 49	0 mg/kg	n	12	12	12	12	12	12
	20 mg/kg	n	11	11	11	11	11	11
	60 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 2 - 4

Study No. : SR20234

Detailed clinical observation (in the cage)
Sex : Female (satellite)

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 2 - 5

Study No. : SR20234

Detailed clinical observation (in the cage)

Sex : Male

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 2 - 6

Study No. : SR20234

Detailed clinical observation (in the cage)
Sex : Female (satellite)

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 3 - 1

Study No. : SR20234

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 3 - 2

Study No. : SR20234

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 3 - 3

Study No. : SR20234

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Day 35	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	11	11	11	11	11	11	11	11	11	11	11	11
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 49	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	20 mg/kg	n	11	11	11	11	11	11	11	11	11	11	11	11
	60 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 3 - 4

Study No. : SR20234

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 3 - 5

Study No. : SR20234

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 3 - 6

Study No. : SR20234

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 4 - 1

Study No. : SR20234

Detailed clinical observation (in the open field)

Sex : Male

Species : Rat

Stage	Group		Gait 1	Co-ordination of movement 1	Reactivity to stimuli 1	Searching 1	Urination 0	Urination 1	Defecation 0	Defecation 1	Stereotype: Excessive grooming 0	Stereotype: Unusual head movement 0	Bizarre behavior: Walking backward 1	Bizarre behavior: Vocalization 1	Aggression 1
Pre	0 mg/kg	n	12	12	12	12	10	2	9	3	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	10	2	8	4	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	10	2	7	5	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	10	2	10	2	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	11	1	7	5	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	11	1	9	3	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	8	4	9	3	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	10	2	9	3	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	0	9	3	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 4 - 2

Study No. : SR20234

Detailed clinical observation (in the open field)

Sex : Female

Species : Rat

Stage	Group		Gait 1	Co-ordination of movement 1	Reactivity to stimuli 1	Searching 1	Urination 0	Urination 1	Defecation 0	Defecation 1	Stereotype: Excessive grooming 0	Stereotype: Unusual head movement 0	Bizarre behavior: Walking backward 1	Bizarre behavior: Vocalization 1	Aggression 1
Pre	0 mg/kg	n	12	12	12	12	9	3	11	1	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	8	4	10	2	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	9	3	11	1	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	9	3	12	0	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 4 - 3

Study No. : SR20234

Detailed clinical observation (in the open field)

Sex : Female

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocaliza-tion	Aggression
			1	1	1	1	0	1	0	1	0	0	1	1	1
Day 35	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	20 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	60 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	8	4	12	0	12	12	12	12	12
	20 mg/kg	n	11	11	11	11	10	1	11	0	11	11	11	11	11
	60 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 49	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	20 mg/kg	n	11	11	11	11	11	1	11	0	11	11	11	11	11
	60 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 4 - 4

Study No. : SR20234

Detailed clinical observation (in the open field)
Sex : Female (satellite)

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation	Stereotype		Bizarre behavior		Aggression
										Excessive grooming	Unusual head movement	Walking backward	Vocaliza-tion	
			1	1	1	1	0	1	0	0	0	1	1	1
Pre	0 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	8	2	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
	200 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 4 - 5

Study No. : SR20234

Detailed clinical observation (in the open field)

Sex : Male

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation	Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	0	0	1	1	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	0	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	4	1	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	0	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	4	1	5	5	5	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 4 - 6

Study No. : SR20234

Detailed clinical observation (in the open field)
Sex : Female (satellite)

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	0	0	0	1	1	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	200 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 5 - 1

Study No. : SR20234

Functional observations (on the desk)

Stage : Week 4

Sex : Male

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
20 mg/kg	n	5	5	5	5	5	5
60 mg/kg	n	5	5	5	5	5	5
200 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 5 - 2

Study No. : SR20234

Functional observations (on the desk)

Stage : Lactation day 13

Sex : Female

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
20 mg/kg	n	5	5	5	5	5	5
60 mg/kg	n	5	5	5	5	5	5
200 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 5 - 3

Study No. : SR20234

Functional observations (on the desk)

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
200 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 6 - 1

Study No. : SR20234

Grip strength

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Polyoxymethylene 0 mg/kg	n	5	5
	Mean	1408.40	563.66
	S.D.	165.30	57.87
Polyoxymethylene 20 mg/kg	n	5	5
	Mean	1676.46	547.00
	S.D.	113.29	86.21
		DT ＊	
Polyoxymethylene 60 mg/kg	n	5	5
	Mean	1571.28	590.02
	S.D.	72.63	64.77
Polyoxymethylene 200 mg/kg	n	5	5
	Mean	1409.72	538.42
	S.D.	225.15	66.14

Significantly different from Polyoxymethylene 0 mg/kg: ＊ P<0.05
DT : Dunnett test (two-side)

Table 6 - 2

Study No. : SR20234

Grip strength

Stage : Lactation day 13

Sex : Female

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Polyoxymethylene 0 mg/kg	n	5	5
	Mean	1593.42	498.78
	S.D.	161.89	30.07
Polyoxymethylene 20 mg/kg	n	5	5
	Mean	1586.88	496.38
	S.D.	172.82	21.70
Polyoxymethylene 60 mg/kg	n	5	5
	Mean	1696.98	558.66
	S.D.	179.11	49.91
			DT *
Polyoxymethylene 200 mg/kg	n	5	5
	Mean	1534.68	539.20
	S.D.	86.16	29.28

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05
DT : Dunnett test (two-side)

Table 6 - 3

Study No. : SR20234

Grip strength

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Polyoxymethylene 0 mg/kg	n	5	5
	Mean	1200.14	450.68
	S.D.	108.61	45.50
Polyoxymethylene 200 mg/kg	n	5	5
	Mean	1333.94	494.28
	S.D.	113.33	29.71

Not significantly different from Polyoxymethylene 0 mg/kg

Table 7 - 1

Study No. : SR20234

Motor activity measurements

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
Polyoxymethylene	n	5	5	5	5	5	5	5
0 mg/kg	Mean	453.0	312.4	223.4	126.8	78.2	54.4	1248.2
	S.D.	90.7	178.5	169.3	71.4	21.4	25.4	448.6
Polyoxymethylene	n	5	5	5	5	5	5	5
20 mg/kg	Mean	313.4	138.4	96.6	105.0	58.0	43.4	754.8
	S.D.	115.8	55.9	70.8	90.5	63.4	55.3	396.0
Polyoxymethylene	n	5	5	5	5	5	5	5
60 mg/kg	Mean	354.2	286.2	153.2	85.0	91.2	83.2	1053.0
	S.D.	239.2	214.4	184.7	85.7	160.5	120.2	967.1
Polyoxymethylene	n	5	5	5	5	5	5	5
200 mg/kg	Mean	340.4	176.4	111.8	77.2	85.4	41.0	832.2
	S.D.	100.0	73.7	71.0	47.0	113.7	49.8	315.7

Not significantly different from Polyoxymethylene 0 mg/kg

Table 7 - 2

Study No. : SR20234

Motor activity measurements

Stage : Lactation day 13

Sex : Female

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
Polyoxymethylene	n	5	5	5	5	5	5	5
0 mg/kg	Mean	378.8	113.2	75.0	52.4	54.0	34.8	708.2
	S.D.	94.0	47.2	53.5	47.7	62.3	32.3	136.1
Polyoxymethylene	n	5	5	5	5	5	5	5
20 mg/kg	Mean	307.4	104.6	27.0	68.2	18.6	54.2	580.0
	S.D.	108.5	83.5	38.2	48.2	36.3	87.5	288.6
Polyoxymethylene	n	5	5	5	5	5	5	5
60 mg/kg	Mean	593.6	336.8	210.6	147.0	212.6	228.8	1729.4
	S.D.	205.7	106.8	154.9	43.1	199.7	197.4	674.7
			DT **				ST *	ST *
Polyoxymethylene	n	5	5	5	5	5	5	5
200 mg/kg	Mean	360.2	160.6	58.8	72.0	120.8	43.0	815.4
	S.D.	77.7	120.3	57.6	92.6	79.3	46.2	357.8

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side), ST : Steel test (two-side)

Table 7 - 3

Study No. : SR20234

Motor activity measurements

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
Polyoxymethylene	n	5	5	5	5	5	5	5
0 mg/kg	Mean	652.0	405.8	242.8	161.8	149.0	108.6	1720.0
	S.D.	251.0	166.1	130.9	88.3	79.2	146.9	664.9
Polyoxymethylene	n	5	5	5	5	5	5	5
200 mg/kg	Mean	456.8	336.2	279.4	221.2	145.0	142.8	1581.4
	S.D.	189.1	214.8	201.0	97.6	72.0	97.1	783.8

Not significantly different from Polyoxymethylene 0 mg/kg

Table 8 - 1

Study No. : SR20234

Body weight

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day						Body weight
Dose		1	4	7	14	21	28	gain
Polyoxymethylene	n	12	12	12	12	12	12	12
0 mg/kg	Mean	441.3	453.2	464.9	493.4	514.8	535.8	94.5
	S.D.	24.8	27.2	27.5	30.7	31.6	33.2	13.6
Polyoxymethylene	n	12	12	12	12	12	12	12
20 mg/kg	Mean	440.1	450.3	460.3	484.6	501.8	525.4	85.3
	S.D.	24.4	27.5	29.7	36.2	41.4	47.8	26.9
Polyoxymethylene	n	12	12	12	12	12	12	12
60 mg/kg	Mean	442.1	453.2	464.2	491.2	512.9	534.1	92.0
	S.D.	23.8	27.7	31.1	37.0	39.1	43.7	23.8
Polyoxymethylene	n	12	12	12	12	12	12	12
200 mg/kg	Mean	442.8	449.9	456.9	478.9	497.7	515.8	73.1
	S.D.	25.6	25.7	25.6	31.1	33.1	36.9	18.5
								DT *

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 8 - 2

Study No. : SR20234

Body weight

Period : F0 before mating Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article		/Day				Body weight
Dose		1	4	7	14	gain
Polyoxymethylene	n	12	12	12	12	12
0 mg/kg	Mean	251.3	256.8	259.0	269.6	18.3
	S.D.	12.8	14.6	16.3	20.1	11.0
Polyoxymethylene	n	12	12	12	12	12
20 mg/kg	Mean	251.3	255.5	258.0	269.3	18.0
	S.D.	8.5	13.0	12.5	13.4	7.8
Polyoxymethylene	n	12	12	12	12	12
60 mg/kg	Mean	253.4	259.1	260.3	270.8	17.3
	S.D.	14.5	14.1	14.5	17.6	6.0
Polyoxymethylene	n	12	12	12	12	12
200 mg/kg	Mean	249.9	255.5	257.2	267.6	17.7
	S.D.	12.8	14.1	13.0	15.6	7.8

Not significantly different from Polyoxymethylene 0 mg/kg

Table 8 - 3

Study No. : SR20234

Body weight

Period : F0 gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article		/Day				Body weight
Dose		0	7	14	20	gain
Polyoxymethylene	n	12	12	12	12	12
0 mg/kg	Mean	273.5	310.6	349.0	431.3	157.8
	S.D.	19.7	26.2	32.3	38.3	19.7
Polyoxymethylene	n	10	10	10	10	10
20 mg/kg	Mean	272.8	307.2	347.6	433.9	161.1
	S.D.	14.4	14.7	18.9	29.0	18.8
Polyoxymethylene	n	12	12	12	12	12
60 mg/kg	Mean	280.8	315.7	351.8	435.7	154.8
	S.D.	23.8	22.7	20.9	23.0	18.1
Polyoxymethylene	n	12	12	12	12	12
200 mg/kg	Mean	270.7	306.6	347.6	429.7	159.0
	S.D.	13.6	17.4	19.0	25.5	19.8

Not significantly different from Polyoxymethylene 0 mg/kg

Table 8 - 4

Study No. : SR20234

Body weight

Period : F0 lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day				Body weight
Dose		0	4	7	13	gain
Polyoxymethylene	n	12	12	12	12	12
0 mg/kg	Mean	331.8	351.0	355.0	360.8	29.0
	S.D.	31.8	34.0	30.3	27.6	11.9
Polyoxymethylene	n	10	10	10	10	10
20 mg/kg	Mean	339.4	350.5	355.1	358.2	18.8
	S.D.	22.2	19.3	19.6	19.2	14.2
Polyoxymethylene	n	12	12	12	12	12
60 mg/kg	Mean	338.2	349.9	356.0	362.3	24.2
	S.D.	21.2	23.3	18.4	17.5	11.0
Polyoxymethylene	n	12	12	12	12	12
200 mg/kg	Mean	327.8	337.6	345.3	359.7	31.9
	S.D.	24.5	31.1	24.5	17.8	16.7

Not significantly different from Polyoxymethylene 0 mg/kg

Table 8 - 5

Study No. : SR20234

Body weight

Period : Administration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day						Body weight
Dose		1	4	7	14	21	28	gain
Polyoxymethylene	n	10	10	10	10	10	10	10
0 mg/kg	Mean	252.2	259.6	265.2	276.1	280.3	283.0	30.8
	S.D.	11.9	13.0	14.1	14.8	16.4	16.5	10.0
Polyoxymethylene	n	10	10	10	10	10	10	10
200 mg/kg	Mean	248.9	255.3	258.3	270.1	276.2	284.4	35.5
	S.D.	12.1	10.7	10.6	13.2	13.5	13.9	8.0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 8 - 6

Study No. : SR20234

Body weight

Period : Recovery Day 1-14

Sex : Male

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	534.2	551.0	567.4	33.2
	S.D.	15.7	14.6	13.8	8.0
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	522.2	542.0	561.0	38.8
	S.D.	19.5	17.7	20.6	11.5

Not significantly different from Polyoxymethylene 0 mg/kg

Table 8 - 7

Study No. : SR20234

Body weight

Period : Recovery Day 1-14

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	294.2	306.0	315.8	21.6
	S.D.	13.5	17.7	12.9	5.7
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	288.6	300.2	311.4	22.8
	S.D.	16.3	21.7	23.4	12.3

Not significantly different from Polyoxymethylene 0 mg/kg

Table 9 - 1

Study No. : SR20234

Food consumption

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day			
Dose		4	7	14	28
Polyoxymethylene	n	12	12	12	12
0 mg/kg	Mean	24.90	24.89	23.73	22.68
	S.D.	3.29	2.56	2.77	2.46
Polyoxymethylene	n	12	12	12	11
20 mg/kg	Mean	23.88	24.28	23.08	22.47
	S.D.	2.58	2.45	2.70	2.45
Polyoxymethylene	n	12	12	12	11
60 mg/kg	Mean	24.13	24.93	24.14	23.02
	S.D.	2.98	2.87	2.30	1.80
Polyoxymethylene	n	12	12	12	12
200 mg/kg	Mean	21.07	22.56	22.92	23.86
	S.D.	2.17	2.19	2.23	2.29
		DT **			

Significantly different from Polyoxymethylene 0 mg/kg: ** P<0.01

DT : Dunnett test (two-side)

Table 9 - 2

Study No. : SR20234

Food consumption

Period : F0 before mating Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	14
Polyoxymethylene	n	12	12	12
0 mg/kg	Mean	16.73	16.66	16.25
	S.D.	2.38	2.18	1.75
Polyoxymethylene	n	12	12	12
20 mg/kg	Mean	15.92	16.87	16.23
	S.D.	1.21	1.60	1.23
Polyoxymethylene	n	12	12	12
60 mg/kg	Mean	16.17	16.88	16.44
	S.D.	1.39	1.96	1.79
Polyoxymethylene	n	12	12	12
200 mg/kg	Mean	15.05	15.93	15.53
	S.D.	1.58	1.92	1.96

Not significantly different from Polyoxymethylene 0 mg/kg

Table 9 - 3

Study No. : SR20234

Food consumption

Period : F0 gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		7	14	20
Polyoxymethylene	n	12	12	12
0 mg/kg	Mean	20.48	22.46	22.46
	S.D.	2.44	2.79	1.92
Polyoxymethylene	n	10	10	10
20 mg/kg	Mean	20.82	22.12	22.50
	S.D.	1.92	3.39	2.37
Polyoxymethylene	n	12	12	12
60 mg/kg	Mean	20.69	21.95	22.18
	S.D.	1.78	2.10	1.93
Polyoxymethylene	n	12	12	12
200 mg/kg	Mean	20.91	22.93	22.31
	S.D.	2.36	2.54	2.06

Not significantly different from Polyoxymethylene 0 mg/kg

Table 9 - 4

Study No. : SR20234

Food consumption

Period : F0 lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	13
Polyoxymethylene	n	12	12	12
0 mg/kg	Mean	30.58	42.13	52.31
	S.D.	3.68	4.19	3.46
Polyoxymethylene	n	10	10	10
20 mg/kg	Mean	28.22	38.94	48.10
	S.D.	3.62	5.22	3.70
				DT *
Polyoxymethylene	n	12	12	12
60 mg/kg	Mean	29.29	40.48	51.58
	S.D.	3.34	3.98	4.70
Polyoxymethylene	n	12	12	12
200 mg/kg	Mean	29.16	42.32	54.10
	S.D.	5.01	3.26	2.94

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 9 - 5

Study No. : SR20234

Food consumption

Period : Administration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day				
Dose		4	7	14	21	28
Polyoxymethylene	n	10	10	10	10	10
0 mg/kg	Mean	17.32	17.71	16.32	16.01	15.26
	S.D.	1.34	1.58	1.88	1.07	0.83
Polyoxymethylene	n	10	10	10	10	10
200 mg/kg	Mean	14.75	15.60	15.75	15.76	15.65
	S.D.	0.96	1.48	1.70	1.28	1.32
		T2 **	T2 **			

Significantly different from Polyoxymethylene 0 mg/kg: ** P<0.01

T2 : Student t-test (two-side)

Table 9 - 6

Study No. : SR20234

Food consumption

Period : Recovery Day 1-14

Sex : Male

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
Polyoxymethylene	n	5	5
0 mg/kg	Mean	27.36	28.86
	S.D.	1.85	4.09
Polyoxymethylene	n	5	5
200 mg/kg	Mean	29.14	29.82
	S.D.	1.66	1.48

Not significantly different from Polyoxymethylene 0 mg/kg

Table 9 - 7

Study No. : SR20234

Food consumption

Period : Recovery Day 1-14

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
Polyoxymethylene	n	5	5
0 mg/kg	Mean	19.52	20.66
	S.D.	2.03	0.79
Polyoxymethylene	n	5	5
200 mg/kg	Mean	20.16	21.72
	S.D.	2.31	2.11

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 1

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		pH 5.0	6.0	6.5	7.0	7.5	8.0	8.5
Polyoxymethylene 0 mg/kg	n	0	0	0	0	0	0	5
Polyoxymethylene 20 mg/kg	n	0	0	0	0	0	2	3
Polyoxymethylene 60 mg/kg	n	0	0	0	0	0	1	4
Polyoxymethylene 200 mg/kg	n	0	0	0	1	0	1	3

Test article Dose		Glucose -	+	2+	3+	Ketone body -	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Polyoxymethylene 20 mg/kg	n	5	0	0	0	5	0	0	0	0
Polyoxymethylene 60 mg/kg	n	5	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	5	0	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 2

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Urobilinogen EU/dL 0.1	1	2	4	8	Bilirubin -	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 20 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 60 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 20 mg/kg	n	4	1	0	0	0	5	0	0	0
Polyoxymethylene 60 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 3

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Protein -	±	+	2+	3+	4+
Polyoxymethylene 0 mg/kg	n	0	1	3	1	0	0
Polyoxymethylene 20 mg/kg	n	0	2	2	1	0	0
Polyoxymethylene 60 mg/kg	n	0	4	0	1	0	0
Polyoxymethylene 200 mg/kg	n	0	3	2	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 4

Study No. : SR20234

Urinary findings

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
Polyoxymethylene 0 mg/kg	n	5
	Mean	8.70
	S.D.	5.25
Polyoxymethylene 20 mg/kg	n	5
	Mean	14.80
	S.D.	15.26
Polyoxymethylene 60 mg/kg	n	5
	Mean	10.70
	S.D.	4.27
Polyoxymethylene 200 mg/kg	n	5
	Mean	11.20
	S.D.	4.45

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 5

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Specific gravity 0	1	2	3	4	5
Polyoxymethylene 0 mg/kg	n	0	0	0	1	0	4
Polyoxymethylene 20 mg/kg	n	0	0	1	0	0	4
Polyoxymethylene 60 mg/kg	n	0	0	0	0	3	2
Polyoxymethylene 200 mg/kg	n	0	0	0	0	3	2

Test article Dose		RBC -	±	+	2+	3+	WBC -	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 20 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 60 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 6

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Squamous					Round				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	4	1	0	0	0	5	0	0	0	0
Polyoxymethylene 20 mg/kg	n	4	1	0	0	0	5	0	0	0	0
Polyoxymethylene 60 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 20 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 60 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 7

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
Polyoxymethylene 0 mg/kg	n	0	0	2	1	0	2	0
Polyoxymethylene 200 mg/kg	n	0	0	0	1	0	1	3

		Glucose				Ketone body				
Test article Dose		-	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	5	0	0	0	0

		Urobilinogen EU/dL					Bilirubin			
Test article Dose		0.1	1	2	4	8	-	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 8

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	4	1	0	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
Polyoxymethylene 0 mg/kg	n	0	1	4	0	0	0
Polyoxymethylene 200 mg/kg	n	1	0	3	1	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 9

Study No. : SR20234

Urinary findings

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
Polyoxymethylene 0 mg/kg	n	5
	Mean	10.70
	S.D.	5.57
Polyoxymethylene 200 mg/kg	n	5
	Mean	6.70
	S.D.	4.72

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 10

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Polyoxymethylene 0 mg/kg	n	0	0	0	2	2	1
Polyoxymethylene 200 mg/kg	n	0	0	0	1	0	4

		RBC					WBC				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

		Squamous					Round				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	3	2	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 11

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 12

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
Polyoxymethylene 0 mg/kg	n	0	0	0	0	0	0	5
Polyoxymethylene 200 mg/kg	n	0	0	0	0	0	0	5

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	5	0	0	0	0

Test article Dose		Urobilinogen EU/dL					Bilirubin			
		0.1	1	2	4	8	-	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 13

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
Polyoxymethylene 0 mg/kg	n	1	0	1	3	0	0
Polyoxymethylene 200 mg/kg	n	2	1	2	0	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 14

Study No. : SR20234

Urinary findings

Stage : Recovery week 2

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
Polyoxymethylene 0 mg/kg	n	5
	Mean	12.20
	S.D.	6.92
Polyoxymethylene 200 mg/kg	n	5
	Mean	16.20
	S.D.	7.84

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 15

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Polyoxymethylene 0 mg/kg	n	0	0	0	1	0	4
Polyoxymethylene 200 mg/kg	n	0	0	0	1	1	3

		RBC					WBC				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

		Squamous					Round				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	3	2	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 16

Study No. : SR20234

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 17

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
Polyoxymethylene 0 mg/kg	n	0	0	0	0	0	2	3
Polyoxymethylene 200 mg/kg	n	0	0	0	0	1	0	4

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	5	0	0	0	0

Test article Dose		Urobilinogen EU/dL					Bilirubin			
		0.1	1	2	4	8	-	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 18

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Polyoxymethylene 0 mg/kg	n	4	1	0	0	0	5	0	0	0
Polyoxymethylene 200 mg/kg	n	4	0	1	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
Polyoxymethylene 0 mg/kg	n	0	0	2	3	0	0
Polyoxymethylene 200 mg/kg	n	1	0	2	2	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 19

Study No. : SR20234

Urinary findings

Stage : Recovery week 2

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
Polyoxymethylene 0 mg/kg	n	5
	Mean	10.00
	S.D.	4.23
Polyoxymethylene 200 mg/kg	n	5
	Mean	13.60
	S.D.	7.33

Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 20

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Polyoxymethylene 0 mg/kg	n	0	0	0	2	1	2
Polyoxymethylene 200 mg/kg	n	0	0	1	0	3	1

Test article Dose		RBC					WBC				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous					Round				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	4	1	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from Polyoxymethylene 0 mg/kg

Table 10 - 21

Study No. : SR20234

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
Polyoxymethylene 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Polyoxymethylene 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Polyoxymethylene 0 mg/kg

Table 11 - 1

Study No. : SR20234

Hematological findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	883.2	15.60	43.68	49.42	17.64	35.72	3.462	105.50	87.42	17.88
	S.D.	23.5	0.56	1.72	0.67	0.21	0.29	0.382	12.93	18.52	5.39
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
20 mg/kg	Mean	887.6	15.54	43.48	49.00	17.54	35.76	3.404	96.12	73.50	13.38
	S.D.	29.0	0.55	1.84	2.21	0.74	0.29	0.087	12.22	17.67	5.20
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
60 mg/kg	Mean	872.4	15.58	43.12	49.48	17.88	36.14	3.300	102.14	90.24	21.10
	S.D.	49.7	0.59	1.76	1.36	0.53	0.18	0.401	11.02	10.36	2.39
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	848.0	15.32	43.12	50.84	18.08	35.56	4.192	121.94	110.86	30.88
	S.D.	14.8	0.50	1.54	1.43	0.36	0.56	0.555	10.94	28.53	6.76
											DT **

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Polyoxymethylene	n	5	5	5	5	5	5
0 mg/kg	Mean	64.24	4.00	1.26	0.04	17.78	18.70
	S.D.	15.05	2.11	0.36	0.05	0.76	1.04
Polyoxymethylene	n	5	5	5	5	5	5
20 mg/kg	Mean	55.34	3.68	1.08	0.02	20.50	20.92
	S.D.	16.67	0.74	0.25	0.04	2.11	0.18
							ST *
Polyoxymethylene	n	5	5	5	5	5	5
60 mg/kg	Mean	63.80	4.12	1.22	0.00	18.56	18.96
	S.D.	12.32	1.29	0.39	0.00	4.59	2.14
Polyoxymethylene	n	5	5	5	5	5	5
200 mg/kg	Mean	73.40	5.30	1.22	0.06	19.10	18.14
	S.D.	23.93	1.84	0.48	0.05	1.92	2.31

Significantly different from Polyoxymethylene 0 mg/kg: * $P<0.05$, ** $P<0.01$
DT : Dunnett test (two-side), ST : Steel test (two-side)

Table 11 - 2

Study No. : SR20234

Hematological findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	765.8	15.00	41.58	54.30	19.60	36.08	4.748	102.12	89.44	43.24
	S.D.	18.5	0.70	1.98	2.17	0.67	0.83	0.993	10.56	23.42	16.46
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
20 mg/kg	Mean	790.4	15.20	41.90	53.04	19.22	36.26	3.986	119.94	102.04	51.28
	S.D.	27.6	0.45	0.98	1.38	0.33	0.39	0.496	12.79	20.93	11.50
									DT *		
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
60 mg/kg	Mean	757.4	14.86	41.18	54.40	19.62	36.08	3.790	95.28	94.68	44.48
	S.D.	30.1	0.39	1.34	1.49	0.49	0.50	0.473	7.35	16.20	7.11
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	764.0	14.64	41.12	53.88	19.20	35.60	4.334	108.48	91.98	39.22
	S.D.	43.2	0.77	1.71	2.43	1.11	0.84	0.944	9.15	19.12	5.06

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Polyoxymethylene	n	5	5	5	5	5	5
0 mg/kg	Mean	41.34	4.16	0.68	0.02	16.30	14.62
	S.D.	8.41	2.04	0.42	0.04	0.48	1.04
Polyoxymethylene	n	5	5	5	5	5	5
20 mg/kg	Mean	45.02	5.04	0.68	0.02	16.14	14.20
	S.D.	11.15	3.16	0.32	0.04	0.53	1.13
Polyoxymethylene	n	5	5	5	5	5	5
60 mg/kg	Mean	45.06	4.18	0.94	0.02	16.66	15.26
	S.D.	14.75	0.93	0.48	0.04	1.17	0.80
Polyoxymethylene	n	5	5	5	5	5	5
200 mg/kg	Mean	47.62	4.18	0.90	0.06	16.30	14.30
	S.D.	11.72	3.00	0.62	0.05	0.47	1.12

Significantly different from Polyoxymethylene 0 mg/kg: * $P<0.05$
DT : Dunnett test (two-side)

Table 11 - 3

Study No. : SR20234

Hematological findings

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	856.0	15.50	43.14	50.44	18.10	35.92	2.564	105.86	54.36	9.62
	S.D.	45.6	0.72	1.84	1.25	0.28	0.35	0.563	8.31	20.06	4.02
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	787.4	14.68	41.10	52.26	18.64	35.72	3.326	106.20	70.72	18.32
	S.D.	45.8	0.58	1.63	1.42	0.50	0.11	0.538	9.99	26.91	4.86
		T2 *									T2 *

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Polyoxymethylene	n	5	5	5	5	5	5
0 mg/kg	Mean	42.44	1.42	0.88	0.00	15.42	14.60
	S.D.	16.62	0.38	0.26	0.00	0.52	1.76
Polyoxymethylene	n	5	5	5	5	5	5
200 mg/kg	Mean	49.52	1.94	0.92	0.02	15.40	13.24
	S.D.	21.47	0.77	0.43	0.04	0.54	0.58

Significantly different from Polyoxymethylene 0 mg/kg: * $P<0.05$
T2 : Student t-test (two-side)

Table 11 - 4

Study No. : SR20234

Hematological findings

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	863.4	15.44	43.06	49.88	17.86	35.88	3.132	99.46	68.24	12.18
	S.D.	38.7	0.85	2.41	1.45	0.39	0.45	0.549	20.85	14.95	4.14
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	890.8	15.70	44.14	49.66	17.66	35.58	2.622	103.62	87.26	15.24
	S.D.	38.1	0.22	1.21	2.93	0.88	0.59	0.404	11.44	30.37	7.65

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Polyoxymethylene	n	5	5	5	5	5	5
0 mg/kg	Mean	51.14	3.68	1.22	0.02	19.12	18.28
	S.D.	10.15	0.98	0.36	0.04	3.26	0.75
Polyoxymethylene	n	5	5	5	5	5	5
200 mg/kg	Mean	66.02	4.40	1.56	0.04	20.32	19.74
	S.D.	22.26	1.26	0.40	0.05	1.54	1.23

Not significantly different from Polyoxymethylene 0 mg/kg

Table 11 - 5

Study No. : SR20234

Hematological findings

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Polyoxymethylene	n	4	4	4	4	4	4	4	4	4	4
0 mg/kg	Mean	826.5	15.60	43.65	52.83	18.90	35.75	3.170	93.25	61.15	12.80
	S.D.	30.4	0.59	1.71	0.74	0.36	0.33	0.411	3.55	15.95	2.63
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	831.0	15.54	43.76	52.76	18.72	35.52	3.246	102.90	56.86	9.40
	S.D.	29.1	0.23	0.94	2.92	0.90	0.49	0.551	13.41	9.17	3.06

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Polyoxymethylene	n	4	4	4	4	4	4
0 mg/kg	Mean	44.58	2.70	1.08	0.00	16.10	14.38
	S.D.	13.92	0.73	0.43	0.00	0.34	1.11
Polyoxymethylene	n	5	5	5	5	5	5
200 mg/kg	Mean	43.68	2.70	1.08	0.00	16.40	14.24
	S.D.	8.29	0.69	0.31	0.00	0.89	0.89

Not significantly different from Polyoxymethylene 0 mg/kg

Table 12 - 1

Study No. : SR20234

Biochemical findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	64.6	35.2	413.2	0.44	0.068	18.90	164.6	52.4	28.0	5.46
	S.D.	4.8	14.6	66.6	0.11	0.013	8.52	18.8	6.0	12.9	0.23
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
20 mg/kg	Mean	63.4	26.4	452.0	0.46	0.064	13.94	162.6	47.8	29.2	5.34
	S.D.	4.3	3.3	148.1	0.11	0.005	6.78	39.6	10.6	25.4	0.09
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
60 mg/kg	Mean	84.2	38.6	365.8	0.36	0.076	23.18	152.4	57.2	28.4	5.40
	S.D.	25.8	13.3	40.2	0.13	0.022	14.90	14.2	13.7	10.9	0.10
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	73.6	36.2	389.0	0.40	0.056	22.38	134.8	55.6	40.0	5.04
	S.D.	16.5	11.9	103.8	0.12	0.005	15.49	5.3	5.8	19.7	0.19
								ST ∗			DT ∗∗

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	11.14	0.306	144.2	4.600	103.8	9.38	6.32	0.884	2.552	46.76
	S.D.	1.69	0.036	0.4	0.149	0.4	0.16	0.66	0.096	0.129	2.59
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
20 mg/kg	Mean	10.76	0.286	144.6	4.506	104.4	9.16	6.34	0.904	2.534	47.40
	S.D.	1.25	0.023	1.1	0.088	1.3	0.23	0.44	0.057	0.105	1.59
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
60 mg/kg	Mean	11.42	0.320	144.4	4.488	104.2	9.24	6.32	0.876	2.514	46.56
	S.D.	0.80	0.037	0.5	0.239	1.3	0.38	0.41	0.091	0.113	2.60
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	12.94	0.320	144.4	4.668	103.6	9.10	6.18	0.874	2.344	46.56
	S.D.	0.73	0.032	0.5	0.136	1.5	0.21	0.24	0.081	0.148	2.35
										DT ∗	

Significantly different from Polyoxymethylene 0 mg/kg: ∗ P<0.05, ∗∗ P<0.01

DT : Dunnett test (two-side), ST : Steel test (two-side)

Table 12 - 2

Study No. : SR20234

Biochemical findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	23.10	8.72	16.50	4.92
	S.D.	2.86	0.68	0.86	1.43
Polyoxymethylene	n	5	5	5	5
20 mg/kg	Mean	21.22	9.60	16.24	5.54
	S.D.	3.16	0.90	0.61	1.29
Polyoxymethylene	n	5	5	5	5
60 mg/kg	Mean	23.26	9.24	16.08	4.86
	S.D.	2.30	1.12	1.60	1.42
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	22.42	9.78	17.34	3.90
	S.D.	1.26	1.22	1.86	1.13

Not significantly different from Polyoxymethylene 0 mg/kg

Table 12 - 3

Study No. : SR20234

Biochemical findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	135.4	78.2	416.2	0.84	0.056	32.78	152.2	102.4	82.4	5.66
	S.D.	58.5	23.6	193.2	0.27	0.015	16.29	17.1	14.7	31.2	0.29
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
20 mg/kg	Mean	155.8	82.4	500.0	1.60	0.056	34.44	152.4	102.4	110.2	6.04
	S.D.	59.5	28.2	115.0	1.74	0.011	23.61	18.4	13.0	43.6	0.30
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
60 mg/kg	Mean	131.0	66.2	439.8	0.68	0.052	22.64	152.2	99.8	85.8	5.66
	S.D.	72.2	16.2	117.7	0.28	0.013	10.49	16.7	9.0	20.8	0.19
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	133.2	72.8	418.6	0.68	0.046	23.30	131.2	100.0	65.8	5.84
	S.D.	39.6	16.6	177.9	0.41	0.013	11.22	13.0	8.4	22.6	0.30

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	24.40	0.390	139.4	4.420	99.2	9.74	8.72	0.972	2.776	49.16
	S.D.	8.11	0.092	3.2	0.973	3.1	0.82	3.14	0.111	0.097	3.01
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
20 mg/kg	Mean	29.92	0.444	138.8	4.412	96.4	10.10	9.34	0.984	2.994	49.54
	S.D.	9.37	0.090	1.6	0.588	1.8	0.38	1.17	0.043	0.190	1.03
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
60 mg/kg	Mean	22.58	0.398	140.6	3.902	98.8	9.48	7.60	0.972	2.792	49.30
	S.D.	3.88	0.037	1.3	0.344	1.5	0.36	0.86	0.028	0.099	0.71
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	25.64	0.400	140.2	4.322	98.8	9.84	8.28	0.844	2.666	45.72
	S.D.	8.13	0.076	1.9	0.157	2.7	0.38	1.57	0.071	0.143	2.21
									DT *		

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 12 - 4

Study No. : SR20234

Biochemical findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Polyoxymethylene 0 mg/kg	n	5	5	5	5
	Mean	19.72	11.12	16.70	3.30
	S.D.	3.58	0.44	0.97	0.72
Polyoxymethylene 20 mg/kg	n	5	5	5	5
	Mean	20.12	10.98	15.86	3.50
	S.D.	1.36	1.18	0.41	0.63
Polyoxymethylene 60 mg/kg	n	5	5	5	5
	Mean	19.70	11.00	16.10	3.90
	S.D.	3.08	1.75	1.04	0.68
Polyoxymethylene 200 mg/kg	n	5	5	5	5
	Mean	22.02	10.88	17.48	3.90
	S.D.	2.89	0.43	1.24	1.17

Not significantly different from Polyoxymethylene 0 mg/kg

Table 12 - 5

Study No. : SR20234

Biochemical findings

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	70.2	36.2	183.2	1.00	0.060	12.48	148.4	63.2	10.6	6.04
	S.D.	14.8	16.5	36.0	0.33	0.019	1.83	21.2	8.2	5.5	0.31
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	55.8	23.4	163.6	0.84	0.070	17.26	124.2	66.2	20.2	5.48
	S.D.	6.6	3.6	52.2	0.36	0.010	7.31	14.8	11.7	9.7	0.44
											T2 *

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	14.06	0.318	142.2	4.140	105.6	9.56	5.56	1.126	3.198	52.98
	S.D.	2.04	0.033	0.8	0.279	1.5	0.34	0.43	0.063	0.184	1.43
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	13.84	0.358	142.2	4.140	104.4	9.20	5.72	1.238	3.032	55.32
	S.D.	2.35	0.044	0.4	0.113	0.9	0.23	0.47	0.051	0.282	1.03
									T2 *		T2 *

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	18.58	7.60	14.42	6.42
	S.D.	1.08	0.45	0.53	1.40
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	17.06	8.58	15.46	3.58
	S.D.	1.86	1.00	1.17	0.69
					T2 **

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05, ** P<0.01

T2 : Student t-test (two-side)

Table 12 - 6

Study No. : SR20234

Biochemical findings

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	68.8	29.2	335.8	0.38	0.056	8.46	156.0	52.2	39.0	5.36
	S.D.	9.9	7.4	70.9	0.08	0.005	3.59	16.4	18.2	17.8	0.30
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	67.6	26.8	357.8	0.34	0.054	14.48	145.4	53.4	32.6	5.42
	S.D.	8.2	1.8	55.3	0.15	0.011	10.63	20.1	7.7	18.1	0.22

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	15.26	0.338	143.8	4.714	103.6	9.22	6.24	0.884	2.510	46.88
	S.D.	1.22	0.011	1.3	0.293	0.5	0.19	0.36	0.055	0.097	1.50
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	14.26	0.318	144.6	4.586	104.0	9.24	6.40	0.910	2.582	47.66
	S.D.	2.03	0.050	0.9	0.163	1.2	0.15	0.31	0.036	0.112	1.00

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	23.86	8.28	16.64	4.34
	S.D.	1.07	0.47	0.30	1.37
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	23.82	8.06	16.12	4.34
	S.D.	2.11	1.33	1.06	0.89

Not significantly different from Polyoxymethylene 0 mg/kg

Table 12 - 7

Study No. : SR20234

Biochemical findings

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Polyoxymethylene	n	4	5	5	5	5	5	4	5	5	5
0 mg/kg	Mean	59.3	27.8	200.4	0.46	0.086	13.70	152.8	68.0	18.6	6.00
	S.D.	6.7	7.0	75.2	0.09	0.024	4.03	10.8	8.4	5.8	0.25
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	60.2	25.0	178.6	0.46	0.094	16.70	147.6	81.6	19.2	6.14
	S.D.	4.9	5.0	66.9	0.17	0.024	6.60	13.1	9.5	5.3	0.28
									T2 *		

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	16.42	0.362	142.2	4.784	106.0	9.46	5.38	1.072	3.102	51.70
	S.D.	2.12	0.045	0.8	0.894	1.2	0.27	0.63	0.094	0.122	2.22
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	15.86	0.362	143.2	4.302	104.4	9.44	5.26	1.242	3.394	55.32
	S.D.	0.78	0.024	0.8	0.244	1.1	0.11	0.36	0.115	0.157	2.28
									T2 *	T2 *	T2 *

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	17.90	8.08	15.38	6.94
	S.D.	3.24	1.65	1.04	1.26
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	16.82	7.42	14.60	5.84
	S.D.	1.58	0.26	0.74	0.86

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

T2 : Student t-test (two-side)

Table 13

Study No. : SR20234

Serum T4 concentration

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		T4 ng/mL
Polyoxymethylene 0 mg/kg	n	7
	Mean	44.47
	S.D.	4.46
Polyoxymethylene 20 mg/kg	n	12
	Mean	46.58
	S.D.	4.81
Polyoxymethylene 60 mg/kg	n	12
	Mean	45.53
	S.D.	4.96
Polyoxymethylene 200 mg/kg	n	7
	Mean	42.03
	S.D.	6.35

Not significantly different from Polyoxymethylene 0 mg/kg

Table 14 - 1

Study No. : SR20234

Necropsy findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings		Test article	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene
		Dose	0 mg/kg	20 mg/kg	60 mg/kg	200 mg/kg
		Number of Animals	7	12	12	7
Stomach			<7/7>	<12/12>	<12/12>	<5/7>
Raised, white, focal, forestomach	P		0	0	0	1
Raised, white, focal, glandular stomach	P		0	0	0	2
Other organs & tissues			<7/7>	<12/12>	<12/12>	<7/7>

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 14 - 2

Study No. : SR20234

Necropsy findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings		Test article	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene
		Dose	0 mg/kg	20 mg/kg	60 mg/kg	200 mg/kg
		Number of Animals	12	10	12	12
Stomach			<11/12>	<10/10>	<12/12>	<7/12>
Raised, white, focal, forestomach	P		0	0	0	4
Black focus, multifocal, glandular stomach	P		1	0	0	1
Kidney			<12/12>	<10/10>	<11/12>	<12/12>
Large size, unilateral	P		0	0	1	0
Other organs & tissues			<12/12>	<10/10>	<12/12>	<12/12>

<> : Not remarkable/Number of animals examined
P : Non-graded change

Table 14 - 3

Study No. : SR20234

Necropsy findings

Sex : Female

Stage : Unsuccessful mating

Species : Rat

	Test article	Polyoxymethylene
	Dose	20
Organ		mg/kg
Findings	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 4

Study No. : SR20234

Necropsy findings

Sex : Female

Stage : Non-pregnancy

Species : Rat

	Test article	Polyoxymethylene
	Dose	20
Organ		mg/kg
Findings	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 5

Study No. : SR20234

Necropsy findings

Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings		Test article	Polyoxymethylene	Polyoxymethylene
		Dose	0 mg/kg	200 mg/kg
		Number of Animals	5	5
Stomach			<5/5>	<4/5>
Raised, white, focal, glandular stomach	P		0	1
Other organs & tissues			<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 14 - 6

Study No. : SR20234

Necropsy findings

Sex : Male

Stage : Recovery day 15

Species : Rat

Organ / Findings	Test article	Polyoxymethylene	Polyoxymethylene
	Dose	0 mg/kg	200 mg/kg
	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 14 - 7

Study No. : SR20234

Necropsy findings

Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

	Test article	Polyoxymethylene	Polyoxymethylene
	Dose	0	200
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 15 - 1

Study No. : SR20234

Organ weight

Stage : Copulated, Non copulated (F0)

Sex : Male

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Polyoxymethylene	n	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	512.0	13.383	2.607	3.047	0.596	1.513	0.296	754.4	148.126
	S.D.	38.7	1.619	0.166	0.331	0.061	0.065	0.020	87.7	20.055
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12
20 mg/kg	Mean	501.2	13.281	2.642	3.315	0.663	1.513	0.304	710.3	142.199
	S.D.	46.5	1.881	0.189	0.303	0.051	0.114	0.024	90.1	15.518
						DT *				
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12
60 mg/kg	Mean	509.9	13.493	2.629	3.271	0.643	1.446	0.284	752.7	147.183
	S.D.	41.9	2.556	0.306	0.293	0.040	0.071	0.014	117.9	14.539
Polyoxymethylene	n	7	7	7	7	7	7	7	7	7
200 mg/kg	Mean	486.6	12.031	2.467	3.103	0.640	1.446	0.297	666.7	136.231
	S.D.	44.2	1.586	0.198	0.255	0.051	0.138	0.015	142.7	22.579

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
Polyoxymethylene	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	286.6	55.666	73.3	14.294	13.76	2.687	24.83	4.884	3.257	0.640
	S.D.	72.6	11.994	11.1	1.700	2.68	0.507	3.83	0.917	0.138	0.068
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12	12
20 mg/kg	Mean	315.5	62.826	67.5	13.547	14.07	2.808	24.69	4.920	3.488	0.703
	S.D.	87.4	17.158	11.1	2.285	1.96	0.315	5.16	0.928	0.274	0.081
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12	12
60 mg/kg	Mean	336.5	66.060	73.3	14.386	12.81	2.520	23.25	4.580	3.358	0.661
	S.D.	106.2	20.447	11.4	1.894	1.19	0.235	3.71	0.778	0.204	0.071
Polyoxymethylene	n	7	7	7	7	7	7	7	7	7	7
200 mg/kg	Mean	270.1	55.631	77.1	15.891	13.24	2.709	25.01	5.161	3.610	0.744
	S.D.	70.1	13.788	14.8	2.677	2.98	0.476	4.56	1.012	0.203	0.060
										DT *	DT *

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 15 - 2

Study No. : SR20234

Organ weight
Sex : Male

Stage : Copulated, Non copulated (F0)

Species : Rat

Test article		Epididymis		Prostate		Seminal vesicle		Brain	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
Polyoxymethylene	n	7	7	7	7	7	7	7	7
0 mg/kg	Mean	1.403	0.276	796.6	155.463	2.407	0.470	2.223	0.437
	S.D.	0.092	0.023	97.5	13.556	0.253	0.048	0.127	0.035
Polyoxymethylene	n	12	12	12	12	12	12	12	12
20 mg/kg	Mean	1.455	0.293	685.7	138.434	2.353	0.471	2.209	0.443
	S.D.	0.146	0.024	157.3	36.414	0.261	0.056	0.099	0.047
Polyoxymethylene	n	12	12	12	12	12	12	12	12
60 mg/kg	Mean	1.341	0.264	680.5	135.163	2.366	0.468	2.204	0.433
	S.D.	0.126	0.028	148.6	35.263	0.237	0.063	0.085	0.037
Polyoxymethylene	n	7	7	7	7	7	7	7	7
200 mg/kg	Mean	1.434	0.296	711.4	145.214	2.520	0.519	2.221	0.459
	S.D.	0.165	0.036	159.7	25.543	0.481	0.088	0.123	0.029

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from Polyoxymethylene 0 mg/kg

Table 15 - 3

Study No. : SR20234

Organ weight

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12
0 mg/kg	Mean	330.2	11.363	3.448	2.200	0.666	1.103	0.335	570.6	173.306
	S.D.	24.7	0.883	0.205	0.245	0.047	0.034	0.022	59.0	18.365
Polyoxymethylene	n	10	10	10	10	10	10	10	10	10
20 mg/kg	Mean	329.2	11.486	3.490	2.060	0.625	1.087	0.331	553.8	169.024
	S.D.	13.8	0.995	0.262	0.088	0.024	0.060	0.020	70.5	26.988
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12
60 mg/kg	Mean	335.1	11.612	3.474	3.265	0.955	1.090	0.328	609.5	182.853
	S.D.	19.8	0.588	0.223	3.817	1.054	0.061	0.019	69.2	25.445
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12
200 mg/kg	Mean	324.0	11.078	3.424	2.163	0.670	1.077	0.333	563.5	174.471
	S.D.	17.0	0.571	0.201	0.137	0.051	0.091	0.019	59.3	22.040

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12	12
0 mg/kg	Mean	237.9	72.123	75.0	22.738	15.53	4.716	17.09	5.173	104.8	31.799
	S.D.	85.5	25.940	10.4	2.613	3.29	0.987	2.78	0.738	19.4	5.581
Polyoxymethylene	n	10	10	10	10	10	10	10	10	10	10
20 mg/kg	Mean	218.6	66.226	72.8	22.201	14.65	4.465	18.12	5.500	105.5	32.140
	S.D.	85.4	24.575	10.4	3.668	2.75	0.905	3.82	1.142	14.0	4.722
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12	12
60 mg/kg	Mean	251.0	74.986	82.5	24.672	15.79	4.712	15.71	4.706	104.4	31.232
	S.D.	68.1	19.674	11.6	3.562	2.03	0.538	2.51	0.803	18.5	5.745
Polyoxymethylene	n	12	12	12	12	12	12	12	12	12	12
200 mg/kg	Mean	205.7	63.726	86.0	26.631	15.38	4.747	14.98	4.641	103.1	31.819
	S.D.	43.1	14.113	8.3	3.120	2.04	0.591	2.43	0.827	11.1	3.080
				DT *	DT *						

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 15 - 4

Study No. : SR20234

Organ weight
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Test article Dose		Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
Polyoxymethylene	n	12	12	12	12
0 mg/kg	Mean	557.8	169.566	2.032	0.618
	S.D.	105.0	34.310	0.060	0.047
Polyoxymethylene	n	10	10	10	10
20 mg/kg	Mean	604.3	184.133	1.995	0.608
	S.D.	76.0	26.840	0.076	0.038
Polyoxymethylene	n	12	12	12	12
60 mg/kg	Mean	573.8	172.153	2.032	0.609
	S.D.	92.5	32.029	0.089	0.037
Polyoxymethylene	n	12	12	12	12
200 mg/kg	Mean	537.1	165.838	2.033	0.629
	S.D.	45.0	11.711	0.087	0.038

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from Polyoxymethylene 0 mg/kg

Table 15 - 5

Study No. : SR20234

Organ weight

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	264.4	6.890	2.602	1.770	0.670	0.850	0.322	428.8	161.468
	S.D.	15.9	0.747	0.162	0.188	0.051	0.016	0.013	70.1	17.657
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	265.0	7.150	2.698	1.678	0.634	0.866	0.326	485.6	183.418
	S.D.	11.7	0.416	0.101	0.136	0.052	0.050	0.015	35.6	14.003

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	273.4	102.920	76.4	28.942	16.08	6.048	16.44	6.254	86.2	32.606
	S.D.	68.0	21.482	11.3	4.190	4.36	1.416	4.22	1.813	7.1	1.933
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	265.8	100.234	79.4	29.980	15.60	5.898	18.62	7.060	87.8	33.212
	S.D.	59.1	21.589	7.6	2.884	2.64	1.029	4.72	1.867	12.2	5.141

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	754.2	281.840	2.074	0.786
	S.D.	398.6	138.073	0.097	0.045
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	719.4	273.544	1.978	0.750
	S.D.	238.8	95.886	0.082	0.051

AB : Absolute weight, RE : Relative weight by body weight

Not significantly different from Polyoxymethylene 0 mg/kg

Table 15 - 6

Study No. : SR20234

Organ weight

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	537.2	12.712	2.366	3.182	0.594	1.494	0.280	694.4	129.506
	S.D.	14.8	0.402	0.058	0.305	0.058	0.048	0.007	103.2	20.751
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	524.6	12.618	2.404	3.276	0.622	1.512	0.286	767.8	146.594
	S.D.	18.8	1.407	0.235	0.291	0.051	0.096	0.011	59.2	13.754

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	310.0	57.604	61.4	11.400	13.94	2.588	21.52	4.012	3.266	0.606
	S.D.	77.2	13.860	15.6	2.763	3.01	0.514	5.34	1.030	0.373	0.059
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	278.8	53.206	68.0	12.938	12.74	2.420	20.72	3.954	3.354	0.642
	S.D.	52.0	9.854	11.7	2.020	2.48	0.419	4.71	0.925	0.229	0.049

Test article		Epididymis		Prostate		Seminal vesicle		Brain	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1.404	0.262	808.4	150.618	2.418	0.450	2.196	0.412
	S.D.	0.114	0.023	103.3	20.436	0.151	0.033	0.040	0.008
Polyoxymethylene	n	5	5	5	5	5	5	5	5
200 mg/kg	Mean	1.474	0.282	770.4	147.028	2.720	0.520	2.166	0.414
	S.D.	0.113	0.016	177.9	33.821	0.120	0.031	0.079	0.017
						T2 **	T2 **		

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from Polyoxymethylene 0 mg/kg: ** P<0.01

T2 : Student t-test (two-side)

Table 15 - 7

Study No. : SR20234

Organ weight

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	293.4	7.228	2.462	1.688	0.574	0.912	0.312	560.8	191.912
	S.D.	14.3	0.393	0.082	0.119	0.033	0.038	0.019	67.1	28.622
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	292.6	7.132	2.442	1.812	0.620	0.926	0.316	451.4	153.606
	S.D.	23.9	0.527	0.128	0.119	0.036	0.063	0.009	85.4	21.838
										T2 *

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	294.4	100.200	76.0	25.948	15.04	5.138	18.42	6.276	85.6	29.018
	S.D.	50.3	15.579	7.8	2.953	0.49	0.309	2.19	0.618	18.3	4.743
Polyoxymethylene	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	302.4	103.672	63.6	21.862	15.50	5.346	17.42	5.992	77.2	26.146
	S.D.	36.9	12.966	8.6	3.311	0.89	0.741	1.65	0.807	17.3	4.016
				T2 *							

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Polyoxymethylene	n	5	5	5	5
0 mg/kg	Mean	835.8	285.850	1.972	0.674
	S.D.	253.1	88.076	0.074	0.030
Polyoxymethylene	n	5	5	5	5
200 mg/kg	Mean	669.4	230.032	1.970	0.676
	S.D.	138.1	50.793	0.085	0.057

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from Polyoxymethylene 0 mg/kg: * P<0.05

T2 : Student t-test (two-side)

Table 16 - 1

Study No. : SR20234

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene					Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					20 mg/kg					60 mg/kg					200 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<7>					<2>					<0>					<7>		
Mineralization, blood vessel		6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	5	2	0	0	0
Hemorrhage, focal		7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Bronchus				<7>					<2>					<0>					<7>		
		7					2					0					7				
Trachea				<7>					<2>					<0>					<7>		
		7					2					0					7				
Submandibular gland				<7>					<2>					<0>					<7>		
		7					2					0					7				
Esophagus				<7>					<2>					<0>					<7>		
		7					2					0					7				
Stomach				<7>					<12>					<12>					<7>		
Ulcer, forestomach		7	0	0	0	0	12	0	0	0	0	12	0	0	0	0	6	0	0	0	1
Ulcer, glandular stomach		7	0	0	0	0	12	0	0	0	0	12	0	0	0	0	5	0	0	2	0
Erosion, glandular stomach		7	0	0	0	0	12	0	0	0	0	12	0	0	0	0	3	1	3	0	0
Infiltration, inflammatory cell, submucosa, glandular stomach		7	0	0	0	0	12	0	0	0	0	12	0	0	0	0	4	0	3	0	0

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 2

Study No. : SR20234

Histopathological findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene					Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					20 mg/kg					60 mg/kg					200 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Duodenum		<7>					<2>					<0>					<7>				
		7					2					0					7				
Jejunum		<7>					<2>					<0>					<7>				
		7					2					0					7				
Ileum		<7>					<2>					<0>					<7>				
		7					2					0					7				
Cecum		<7>					<2>					<0>					<7>				
		7					2					0					7				
Colon		<7>					<2>					<0>					<7>				
		7					2					0					7				
Rectum		<7>					<2>					<0>					<7>				
		7					2					0					7				
Pancreas		<7>					<2>					<0>					<7>				
Infiltration, inflammatory cell, interstitium		6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Liver		<7>					<2>					<0>					<7>				
		7					2					0					7				
Heart		<7>					<2>					<0>					<7>				
Infiltration, inflammatory cell, focal		6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	5	2	0	0	0
Fibrosis, focal		7	0	0	0	0	1	1	0	0	0	0	0	0	0	0	7	0	0	0	0

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 3

Study No. : SR20234

Histopathological findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene					Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					20 mg/kg					60 mg/kg					200 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Kidney				<7>					<2>					<0>					<7>		
Cyst		6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Urinary bladder				<7>					<2>					<0>					<7>		
Infiltration, inflammatory cell		6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Testis				<7>					<2>					<0>					<7>		
		7					2					0					7				
Epididymis				<7>					<2>					<0>					<7>		
		7					2					0					7				
Prostate				<7>					<2>					<0>					<7>		
Inflammation, interstitium		1	5	1	0	0	1	1	0	0	0	0	0	0	0	0	4	3	0	0	0
Seminal vesicle				<7>					<2>					<0>					<7>		
		7					2					0					7				
Coagulating gland				<7>					<2>					<0>					<7>		
		7					2					0					7				
Cerebrum				<7>					<2>					<0>					<7>		
		7					2					0					7				
Cerebellum				<7>					<2>					<0>					<7>		
		7					2					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 4

Study No. : SR20234

Histopathological findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Polyoxymethylene 0 mg/kg 7 -	1+	2+	3+	4+	Polyoxymethylene 20 mg/kg 12 -	1+	2+	3+	4+	Polyoxymethylene 60 mg/kg 12 -	1+	2+	3+	4+	Polyoxymethylene 200 mg/kg 7 -	1+	2+	3+	4+
Pons				<7>					<2>					<0>					<7>		
		7					2					0					7				
Spinal cord				<7>					<2>					<0>					<7>		
		7					2					0					7				
Sciatic nerve				<7>					<2>					<0>					<7>		
		7					2					0					7				
Spleen				<7>					<2>					<0>					<7>		
		7					2					0					7				
Thymus				<7>					<2>					<0>					<7>		
		7					2					0					7				
Bone marrow, femur				<7>					<2>					<0>					<7>		
		7					2					0					7				
Submandibular lymph node				<7>					<2>					<0>					<7>		
		7					2					0					7				
Mesenteric lymph node				<7>					<2>					<0>					<7>		
		7					2					0					7				
Peyer's patch				<7>					<2>					<0>					<7>		
		7					2					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 5

Study No. : SR20234

Histopathological findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene					Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					20 mg/kg					60 mg/kg					200 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Pituitary gland				<7>					<2>					<0>					<7>		
Cyst, pars distalis		7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Thyroid				<7>					<2>					<0>					<7>		
Remnant, ultimobranchial body		6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Parathyroid				<7>					<2>					<0>					<7>		
		7					2					0					7				
Adrenal				<7>					<2>					<0>					<7>		
		7					2					0					7				
Eyeball				<7>					<2>					<0>					<7>		
Dysplasia, retina		7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Harderian gland				<7>					<2>					<0>					<7>		
Infiltration, inflammatory cell, focal		7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6	0	1	0	0
Skeletal muscle				<7>					<2>					<0>					<7>		
		7					2					0					7				
Femur				<7>					<2>					<0>					<7>		
		7					2					0					7				
Mammary gland				<7>					<2>					<0>					<7>		
		7					2					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Organ / Findings	Test article	Polyoxymethylene						Polyoxymethylene						Polyoxymethylene						Polyoxymethylene					
	Dose	0 mg/kg						20 mg/kg						60 mg/kg						200 mg/kg					
	Number of Animals	12						10						12						12					
	Grade	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P
Lung				<12>						<0>						<0>						<12>			
Accumulation, macrophage, alveolar		12	0	0	0	0		0	0	0	0	0		0	0	0	0	0		11	1	0	0	0	
Bronchus				<12>						<0>						<0>						<12>			
		12						0						0						12					
Trachea				<12>						<0>						<0>						<12>			
		12						0						0						12					
Submandibular gland				<12>						<0>						<0>						<12>			
		12						0						0						12					
Esophagus				<12>						<0>						<0>						<12>			
		12						0						0						12					
Stomach				<12>						<10>						<12>						<12>			
Ulcer, glandular stomach		12	0	0	0	0		10	0	0	0	0		12	0	0	0	0		11	0	0	1	0	
Erosion, glandular stomach		11	1	0	0	0		10	0	0	0	0		12	0	0	0	0		11	1	0	0	0	
Ulcer, forestomach		12	0	0	0	0		10	0	0	0	0		12	0	0	0	0		8	0	0	0	4	
Infiltration, inflammatory cell, submucosa, glandular stomach		12	0	0	0	0		10	0	0	0	0		12	0	0	0	0		4	7	1	0	0	
																				FT $$					
Duodenum				<12>						<0>						<0>						<12>			
		12						0						0						12					

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe, P : Non-graded finding
Significantly different from Polyoxymethylene 0 mg/kg: $$ P<0.01
FT : Fisher's exact test (two-side)

Table 16 - 7

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Polyoxymethylene						Polyoxymethylene						Polyoxymethylene						Polyoxymethylene					
	Dose	0 mg/kg						20 mg/kg						60 mg/kg						200 mg/kg					
	Number of Animals	12						10						12						12					
	Grade	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P
Jejunum				<12>						<0>						<0>						<12>			
		12						0						0						12					
Ileum				<12>						<0>						<0>						<12>			
		12						0						0						12					
Cecum				<12>						<0>						<0>						<12>			
		12						0						0						12					
Colon				<12>						<0>						<0>						<12>			
		12						0						0						12					
Rectum				<12>						<0>						<0>						<12>			
		12						0						0						12					
Pancreas				<12>						<0>						<0>						<12>			
		12						0						0						12					
Liver				<12>						<0>						<0>						<12>			
		12						0						0						12					
Heart				<12>						<0>						<0>						<12>			
		12						0						0						12					

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe, P : Non-graded finding
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 8

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Polyoxymethylene						Polyoxymethylene						Polyoxymethylene						Polyoxymethylene					
	Dose	0 mg/kg						20 mg/kg						60 mg/kg						200 mg/kg					
	Number of Animals	12						10						12						12					
	Grade	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P
Kidney				<12>						<0>						<1>						<12>			
Nephroblastoma		12					0	0					0	0					1	12					0
Basophilic change, renal tubule, focal		11	1	0	0	0		0	0	0	0	0		1	0	0	0	0		11	1	0	0	0	
Urinary bladder				<12>						<0>						<0>						<12>			
		12						0						0						12					
Ovary				<12>						<0>						<0>						<12>			
		12						0						0						12					
Uterine horn				<12>						<0>						<0>						<12>			
		12						0						0						12					
Uterine cervix				<12>						<0>						<0>						<12>			
		12						0						0						12					
Vagina				<12>						<0>						<0>						<12>			
		12						0						0						12					
Cerebrum				<12>						<0>						<0>						<12>			
		12						0						0						12					
Cerebellum				<12>						<0>						<0>						<12>			
		12						0						0						12					

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe, P : Non-graded finding
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 9

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Polyoxymethylene						Polyoxymethylene						Polyoxymethylene						Polyoxymethylene					
	Dose	0 mg/kg						20 mg/kg						60 mg/kg						200 mg/kg					
	Number of Animals	12						10						12						12					
	Grade	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P
Pons				<12>						<0>						<0>						<12>			
		12						0						0						12					
Spinal cord				<12>						<0>						<0>						<12>			
		12						0						0						12					
Sciatic nerve				<12>						<0>						<0>						<12>			
		12						0						0						12					
Spleen				<12>						<0>						<0>						<12>			
		12						0						0						12					
Thymus				<12>						<0>						<0>						<12>			
Remnant, epithelial cell		8	4	0	0	0		0	0	0	0	0		0	0	0	0	0		8	4	0	0	0	
Bone marrow, femur				<12>						<0>						<0>						<12>			
		12						0						0						12					
Submandibular lymph node				<12>						<0>						<0>						<12>			
		12						0						0						12					
Mesenteric lymph node				<12>						<0>						<0>						<12>			
		12						0						0						12					
Peyer's patch				<12>						<0>						<0>						<12>			
		12						0						0						12					

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe, P : Non-graded finding
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Organ / Findings	Test article	Polyoxymethylene						Polyoxymethylene						Polyoxymethylene						Polyoxymethylene					
	Dose	0 mg/kg						20 mg/kg						60 mg/kg						200 mg/kg					
	Number of Animals	12						10						12						12					
	Grade	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P	-	1+	2+	3+	4+	P
Pituitary gland		<12>						<0>						<0>						<12>					
Cyst, pars distalis		12	0	0	0	0		0	0	0	0	0		0	0	0	0	0		11	1	0	0	0	
Thyroid		<12>						<0>						<0>						<12>					
Remnant, ultimobranchial body		8	4	0	0	0		0	0	0	0	0		0	0	0	0	0		9	3	0	0	0	
Parathyroid		<12>						<0>						<0>						<12>					
		12						0						0						12					
Adrenal		<12>						<0>						<0>						<12>					
		12						0						0						12					
Eyeball		<12>						<0>						<0>						<12>					
Dysplasia, retina		10	2	0	0	0		0	0	0	0	0		0	0	0	0	0		12	0	0	0	0	
Harderian gland		<12>						<0>						<0>						<12>					
		12						0						0						12					
Skeletal muscle		<12>						<0>						<0>						<12>					
		12						0						0						12					
Femur		<12>						<0>						<0>						<12>					
		12						0						0						12					
Mammary gland		<12>						<0>						<0>						<12>					
		12						0						0						12					

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe, P : Non-graded finding
Not significantly different from Polyoxymethylene 0 mg/kg

Table 16 - 11

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Polyoxymethylene
	Dose	20 mg/kg
	Number of Animals	1
	Grade	-
Lung		<1>
		1
Bronchus		<1>
		1
Trachea		<1>
		1
Submandibular gland		<1>
		1
Esophagus		<1>
		1
Stomach		<1>
		1
Duodenum		<1>
		1
Jejunum		<1>
		1
Ileum		<1>
		1
Cecum		<1>
		1
Colon		<1>
		1
Rectum		<1>
		1
Pancreas		<1>
		1
Liver		<1>
		1

<> : Number of animals examined
- : Not remarkable

Table 16 - 12

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Polyoxymethylene 20 mg/kg 1
Heart		<1>
	-	1
Kidney		<1>
	-	1
Urinary bladder		<1>
	-	1
Ovary		<1>
	-	1
Uterine horn		<1>
	-	1
Uterine cervix		<1>
	-	1
Vagina		<1>
	-	1
Cerebrum		<1>
	-	1
Cerebellum		<1>
	-	1
Pons		<1>
	-	1
Spinal cord		<1>
	-	1
Sciatic nerve		<1>
	-	1
Spleen		<1>
	-	1

<> : Number of animals examined
- : Not remarkable

Table 16 - 13

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Polyoxymethylene 20 mg/kg 1
Thymus		<1>
	-	1
Bone marrow, femur		<1>
	-	1
Submandibular lymph node		<1>
	-	1
Mesenteric lymph node		<1>
	-	1
Peyer's patch		<1>
	-	1
Pituitary gland		<1>
	-	1
Thyroid		<1>
	-	1
Parathyroid		<1>
	-	1
Adrenal		<1>
	-	1
Eyeball		<1>
	-	1
Harderian gland		<1>
	-	1
Skeletal muscle		<1>
	-	1
Femur		<1>
	-	1
Mammary gland		<1>
	-	1

<> : Number of animals examined
- : Not remarkable

Table 16 - 14

Study No. : SR20234

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Polyoxymethylene 20 mg/kg 1				
		-	1+	2+	3+	4+
Lung				<1>		
		1				
Bronchus				<1>		
		1				
Trachea				<1>		
		1				
Submandibular gland				<1>		
		1				
Esophagus				<1>		
		1				
Stomach				<1>		
		1				
Duodenum				<1>		
		1				
Jejunum				<1>		
		1				
Ileum				<1>		
		1				
Cecum				<1>		
		1				
Colon				<1>		
		1				
Rectum				<1>		
		1				
Pancreas				<1>		
		1				
Liver				<1>		
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Histopathological findings
Sex : Female Stage : Non-pregnancy Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Polyoxymethylene 20 mg/kg 1				
		-	1+	2+	3+	4+
Heart				<1>		
		1				
Kidney				<1>		
Infiltration, inflammatory cell, renal pelvic mucosa		0	1	0	0	0
Urinary bladder				<1>		
		1				
Ovary				<1>		
		1				
Uterine horn				<1>		
		1				
Uterine cervix				<1>		
		1				
Vagina				<1>		
		1				
Cerebrum				<1>		
		1				
Cerebellum				<1>		
		1				
Pons				<1>		
		1				
Spinal cord				<1>		
		1				
Sciatic nerve				<1>		
		1				
Spleen				<1>		
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Histopathological findings
Sex : Female Stage : Non-pregnancy Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Polyoxymethylene 20 mg/kg 1				
		-	1+	2+	3+	4+
Thymus				<1>		
		1				
Bone marrow, femur				<1>		
		1				
Submandibular lymph node				<1>		
		1				
Mesenteric lymph node				<1>		
		1				
Peyer's patch				<1>		
		1				
Pituitary gland				<1>		
		1				
Thyroid				<1>		
Remnant, ultimobranchial body		0	1	0	0	0
Parathyroid				<1>		
		1				
Adrenal				<1>		
		1				
Eyeball				<1>		
		1				
Harderian gland				<1>		
		1				
Skeletal muscle				<1>		
		1				
Femur				<1>		
		1				
Mammary gland				<1>		
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<5>					<5>		
		5					5				
Bronchus				<5>					<5>		
		5					5				
Trachea				<5>					<5>		
		5					5				
Submandibular gland				<5>					<5>		
		5					5				
Esophagus				<5>					<5>		
		5					5				
Stomach				<5>					<5>		
Ulcer, glandular stomach		5	0	0	0	0	4	0	0	1	0
Erosion, glandular stomach		5	0	0	0	0	1	4	0	0	0
							FT $				
Infiltration, inflammatory cell, submucosa, glandular stomach		5	0	0	0	0	2	3	0	0	0
Duodenum				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Significantly different from Polyoxymethylene 0 mg/kg: $ P<0.05
FT : Fisher's exact test (two-side)

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Jejunum				<5>					<5>		
		5					5				
Ileum				<5>					<5>		
		5					5				
Cecum				<5>					<5>		
		5					5				
Colon				<5>					<5>		
		5					5				
Rectum				<5>					<5>		
		5					5				
Pancreas				<5>					<5>		
		5					5				
Liver				<5>					<5>		
Microgranuloma		4	1	0	0	0	4	1	0	0	0
Heart				<5>					<5>		
		5					5				
Kidney				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Urinary bladder				<5>					<5>		
		5					5				
Ovary				<5>					<5>		
		5					5				
Uterine horn				<5>					<5>		
		5					5				
Uterine cervix				<5>					<5>		
		5					5				
Vagina				<5>					<5>		
		5					5				
Cerebrum				<5>					<5>		
		5					5				
Cerebellum				<5>					<5>		
		5					5				
Pons				<5>					<5>		
		5					5				
Spinal cord				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Sciatic nerve				<5>					<5>		
		5					5				
Spleen				<5>					<5>		
		5					5				
Thymus				<5>					<5>		
		5					5				
Bone marrow, femur				<5>					<5>		
		5					5				
Submandibular lymph node				<5>					<5>		
		5					5				
Mesenteric lymph node				<5>					<5>		
		5					5				
Peyer's patch				<5>					<5>		
		5					5				
Pituitary gland				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Thyroid				<5>					<5>		
Remnant, ultimobranchial body		5	0	0	0	0	4	1	0	0	0
Parathyroid				<5>					<5>		
		5					5				
Adrenal				<5>					<5>		
		5					5				
Eyeball				<5>					<5>		
		5					5				
Harderian gland				<5>					<5>		
		5					5				
Skeletal muscle				<5>					<5>		
		5					5				
Femur				<5>					<5>		
		5					5				
Mammary gland				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Male Stage : Recovery day 15 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Stomach		<5>					<5>				
Infiltration, inflammatory cell, submucosa, glandular stomach		5	0	0	0	0	2	3	0	0	0

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from Polyoxymethylene 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Organ / Findings	Test article	Polyoxymethylene					Polyoxymethylene				
	Dose	0 mg/kg					200 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Stomach		<5>					<5>				
Infiltration, inflammatory cell, submucosa, glandular stomach		5	0	0	0	0	1	4	0	0	0
							FT $				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Significantly different from Polyoxymethylene 0 mg/kg: $ P<0.05
FT : Fisher's exact test (two-side)

Table 17

Study No. : SR20234

Estrous cycles
Generation : F0

Species : Rat

Test article Dose		/Before mating Mean length of estrous cycle (Days)	Number of estrus	Number of animals with acyclic or irregular cycle
Polyoxymethylene 0 mg/kg	n	12	12	12 (0)
	Mean	4.04	3.5	
	S.D.	0.14	0.5	
Polyoxymethylene 20 mg/kg	n	12	12	12 (0)
	Mean	4.08	3.3	
	S.D.	0.29	0.5	
Polyoxymethylene 60 mg/kg	n	12	12	12 (0)
	Mean	4.00	3.5	
	S.D.	0.00	0.5	
Polyoxymethylene 200 mg/kg	n	12	12	12 (0)
	Mean	4.00	3.4	
	S.D.	0.00	0.5	

() : Values in brackets represent number of animals with acyclic or irregular cycle.
Not significantly different from Polyoxymethylene 0 mg/kg

Table 18 - 1

Study No. : SR20234

Reproductive performance
Generation : F0 Sex : Male

Species : Rat

Test article Dose		Number of pairs	Day of conceiving	1st mating Copulation index (%)	1st mating Fertility index (%)	2nd mating Copulation index (%)	2nd mating Fertility index (%)	Total Copulation index (%)	Total Fertility index (%)
Polyoxymethylene	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
0 mg/kg	Mean		2.8	100.0	100.0			100.0	100.0
	S.D.		1.7						
Polyoxymethylene	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
20 mg/kg	Mean		2.3	91.7	90.9			91.7	90.9
	S.D.		1.7						
Polyoxymethylene	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
60 mg/kg	Mean		3.3	100.0	100.0			100.0	100.0
	S.D.		3.1						
Polyoxymethylene	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
200 mg/kg	Mean		2.2	100.0	100.0			100.0	100.0
	S.D.		1.2						

Not significantly different from Polyoxymethylene 0 mg/kg

Table 18 - 2

Study No. : SR20234

Reproductive performance
Generation : F0 Sex : Female

Species : Rat

Test article Dose		Number of pairs	Day of conceiving	1st mating Copulation index (%)	1st mating Fertility index (%)	2nd mating Copulation index (%)	2nd mating Fertility index (%)	Total Copulation index (%)	Total Fertility index (%)
Polyoxymethylene	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
0 mg/kg	Mean		2.8	100.0	100.0			100.0	100.0
	S.D.		1.7						
Polyoxymethylene	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
20 mg/kg	Mean		2.3	91.7	90.9			91.7	90.9
	S.D.		1.7						
Polyoxymethylene	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
60 mg/kg	Mean		3.3	100.0	100.0			100.0	100.0
	S.D.		3.1						
Polyoxymethylene	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
200 mg/kg	Mean		2.2	100.0	100.0			100.0	100.0
	S.D.		1.2						

Not significantly different from Polyoxymethylene 0 mg/kg

Table 19 - 1

Study No. : SR20234

Delivery data
Generation : F0

Species : Rat

Test article Dose		Gestation length (day)	Gestation index (%)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns M	F	Total	Sex ratio (%) live-borns	delivered pups	Number of dead newborns
Polyoxymethylene	n	12	12/12	12	12	12	12	12	12	76/168	76/169	12
0 mg/kg	Mean	22.17	100.0	14.9	94.51	14.1	6.3	7.7	14.0	45.2	45.0	0.1
	S.D.	0.39		1.2	5.44	1.2	2.1	2.5	1.1			0.3
Polyoxymethylene	n	10	10/10	10	10	10	10	10	10	70/130	72/133	10
20 mg/kg	Mean	22.10	100.0	14.9	88.95	13.3	7.0	6.0	13.0	53.8	54.1	0.3
	S.D.	0.32		2.5	10.41	2.9	2.2	2.4	2.7			0.5
Polyoxymethylene	n	12	12/12	12	12	12	12	12	12	85/171	85/172	12
60 mg/kg	Mean	22.17	100.0	15.3	93.92	14.3	7.1	7.2	14.3	49.7	49.4	0.1
	S.D.	0.39		1.4	6.03	1.7	1.6	2.2	1.6			0.3
Polyoxymethylene	n	12	12/12	12	12	12	12	12	12	72/165	74/169	12
200 mg/kg	Mean	22.42	100.0	15.2	92.88	14.1	6.0	7.8	13.8	43.6	43.8	0.3
	S.D.	0.51		1.6	10.39	2.1	1.9	1.9	2.6			1.2

M : Male, F : Female
Not significantly different from Polyoxymethylene 0 mg/kg

Table 19 - 2

Study No. : SR20234

Delivery data (external examination of offspring)
Generation : F1

Postnatal Day : 0
Species : Rat

Test article		Polyoxymethylene	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene
Dose		0	20	60	200
Dose unit		mg/kg	mg/kg	mg/kg	mg/kg
Number of dams		12	10	12	12
Number of offspring		168	130	171	165
Number of dams with anomalous offspring (incidence %)		0(0.00)	0(0.00)	1(8.33)	0(0.00)
Number of offspring with any anomaly (incidence %)		0(0.00)	0(0.00)	1(0.59)	0(0.00)
Thread-like tail	n	0(0)	0(0)	1(1)	0(0)
	Mean			0.59	
	S.D.			2.05	

n : Number of anomalous offspring (number of dams with anomalous offspring)
Mean : Number of anomalous offspring / Number of offspring examined x 100(%), on litter basis
Not significantly different from Polyoxymethylene 0 mg/kg

Table 20

Study No. : SR20234

Clinical sign of offspring
Generation : F1

Species : Rat

Test article		/Postnatal Day													
Dose	Clinical signs	0	1	2	3	4	5	6	7	8	9	10	11	12	13
Polyoxymethylene	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	Number of offspring	168	167	167	167	165	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	Number of dams examined	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20 mg/kg	Number of offspring	130	130	128	128	128	80	80	80	80	80	80	80	80	80
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyoxymethylene	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
60 mg/kg	Number of offspring	171	169	169	169	168	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	Thread-like tail	1	1	1	1	1	0	0	0	0	0	0	0	0	0
Polyoxymethylene	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	Number of offspring	165	165	165	165	165	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 21

Study No. : SR20234

Litter size and viability index of offspring
Generation : F1

Species : Rat

Test article Dose		/Postnatal Day 0	0 Viability index (%)	4 Pre-culled	4 Viability index (%)	4 Post-culled	13	13 Viability index (%)
Polyoxymethylene	Total	168		165		96	96	
0 mg/kg	n	12	12	12	12	12	12	12
	Mean		99.48		98.33			100.00
	S.D.		1.79		4.14			0.00
Polyoxymethylene	Total	130		128		80	80	
20 mg/kg	n	10	10	10	10	10	10	10
	Mean		98.02		98.41			100.00
	S.D.		3.26		3.49			0.00
Polyoxymethylene	Total	171		168		96	96	
60 mg/kg	n	12	12	12	12	12	12	12
	Mean		99.48		98.13			100.00
	S.D.		1.79		4.45			0.00
Polyoxymethylene	Total	165		165		96	96	
200 mg/kg	n	12	12	12	12	12	12	12
	Mean		97.43		100.00			100.00
	S.D.		8.89		0.00			0.00

Not significantly different from Polyoxymethylene 0 mg/kg

Table 22

Study No. : SR20234

Litter data on body weight of offspring

Generation : F1

Unit : g

Species : Rat

Test article			/Postnatal Day			
Dose			0	4	7	13
Polyoxymethylene	Male	n	12	12	12	12
0 mg/kg		Mean	6.611	10.678	18.242	34.573
		S.D.	0.812	1.639	2.867	4.378
	Female	n	12	12	12	12
		Mean	6.301	10.121	17.958	34.443
		S.D.	0.711	1.310	1.970	2.560
Polyoxymethylene	Male	n	10	10	10	10
20 mg/kg		Mean	6.827	11.173	18.756	34.673
		S.D.	0.624	1.117	1.449	2.372
	Female	n	10	10	10	10
		Mean	6.539	10.513	17.541	32.877
		S.D.	0.655	1.154	1.633	2.338
Polyoxymethylene	Male	n	12	12	12	12
60 mg/kg		Mean	6.619	10.674	18.527	34.973
		S.D.	0.357	1.085	1.746	3.263
	Female	n	12	12	12	12
		Mean	6.203	9.898	17.303	33.321
		S.D.	0.342	1.011	1.766	3.013
Polyoxymethylene	Male	n	12	12	12	12
200 mg/kg		Mean	7.046	10.926	18.422	34.266
		S.D.	0.694	1.834	2.243	3.208
	Female	n	12	12	12	12
		Mean	6.640	10.460	17.452	32.839
		S.D.	0.680	1.809	2.157	3.035

Not significantly different from Polyoxymethylene 0 mg/kg

Table 23

Study No. : SR20234

Litter data on anogenital distance of offspring

Generation : F1

Unit : mm

Species : Rat

Dose / Test article	Sex		/Postnatal Day 4 AGD	AGD/$\sqrt[3]{BW}$
Polyoxymethylene 0 mg/kg	Male	n	12	12
		Mean	5.6163	2.5574
		S.D.	0.4772	0.0895
	Female	n	12	12
		Mean	2.6918	1.2469
		S.D.	0.2285	0.0581
Polyoxymethylene 20 mg/kg	Male	n	10	10
		Mean	5.5852	2.5021
		S.D.	0.2513	0.0645
	Female	n	10	10
		Mean	2.6490	1.2131
		S.D.	0.1286	0.0488
Polyoxymethylene 60 mg/kg	Male	n	12	12
		Mean	5.5597	2.5305
		S.D.	0.2281	0.0683
	Female	n	12	12
		Mean	2.6783	1.2505
		S.D.	0.1279	0.0385
Polyoxymethylene 200 mg/kg	Male	n	12	12
		Mean	5.7958	2.6192
		S.D.	0.4916	0.1203
	Female	n	12	12
		Mean	2.7878	1.2784
		S.D.	0.2356	0.0529

AGD : Anogenital Distance

Not significantly different from Polyoxymethylene 0 mg/kg

Table 24

Study No. : SR20234

Litter data on nipple retention of male offspring

Generation : F1

Unit : No.

Species : Rat

Test article Dose			/Postnatal day 13
Polyoxymethylene 0 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
Polyoxymethylene 20 mg/kg	Male	n	10
		Mean	0.00
		S.D.	0.00
Polyoxymethylene 60 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
Polyoxymethylene 200 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00

Not significantly different from Polyoxymethylene 0 mg/kg

Table 25

Study No. : SR20234

Serum T4 concentration of offspring

Stage : Postnatal day 13

Generation : F1

Species : Rat

Test article Dose		T4 ng/mL
Polyoxymethylene 0 mg/kg	n	12
	Mean	43.49
	S.D.	3.54
Polyoxymethylene 20 mg/kg	n	10
	Mean	45.18
	S.D.	2.74
Polyoxymethylene 60 mg/kg	n	12
	Mean	42.98
	S.D.	4.14
Polyoxymethylene 200 mg/kg	n	12
	Mean	42.95
	S.D.	4.84

Not significantly different from Polyoxymethylene 0 mg/kg

Table 26

Study No. : SR20234

Necropsy findings of offspring
Generation : F1

Species : Rat

Test article	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene
Dose	0	20	60	200
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	12	10	12	12
Number of live offspring examined on postnatal Day 13	96	80	96	96
Finding absent	96	80	96	96
Number of dead offspring examined on postnatal Day 0-13	1	3	1	4
Finding absent	1	3	1	4

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
10101	No abnormality	-	-	-
10102	No abnormality	-	-	-
10103	No abnormality	-	-	-
10104	No abnormality	-	-	-
10105	No abnormality	-	-	
10106	No abnormality	-	-	
10107	No abnormality	-	-	-
10108	No abnormality	-	-	
10109	No abnormality	-	-	
10110	No abnormality	-	-	-
10111	No abnormality	-	-	
10112	No abnormality	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10212	Swelling (left hindlimb)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Trauma (left hindlimb)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10212	Swelling (left hindlimb)		-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	-
	Trauma (left hindlimb)		-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10212	Swelling (left hindlimb)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Trauma (left hindlimb)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
10201	No abnormality	-	-	-
10202	No abnormality	-	-	-
10203	No abnormality	-	-	-
10204	No abnormality	-	-	-
10205	No abnormality	-	-	-
10206	No abnormality	-	-	-
10207	No abnormality	-	-	-
10208	No abnormality	-	-	-
10209	No abnormality	-	-	-
10210	No abnormality	-	-	-
10211	No abnormality	-	-	-
10212	Swelling (left hindlimb)	-	-	-
	Trauma (left hindlimb)	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10303	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10303	Mucous feces		-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10303	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
10301	No abnormality	-	-	-
10302	No abnormality	-	-	-
10303	Mucous feces	-	-	-
10304	No abnormality	-	-	-
10305	No abnormality	-	-	-
10306	No abnormality	-	-	-
10307	No abnormality	-	-	-
10308	No abnormality	-	-	-
10309	No abnormality	-	-	-
10310	No abnormality	-	-	-
10311	No abnormality	-	-	-
10312	No abnormality	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	Mucous feces		-	-	-	-	-	-	+	-	+	+	+	-	-	-	+	-	+	-
10402	Mucous feces		-	-	-	-	-	-	+	-	-	-	-	-	-	-	+	-	+	-
10403	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
10404	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	Mucous feces		-	-	+	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
10406	Mucous feces		-	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-
10407	Mucous feces		-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	Mucous feces		-	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	+
10410	Mucous feces		-	-	-	-	+	-	+	-	+	-	-	-	-	-	-	-	-	-
10411	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	Mucous feces		-	+	+	-	+	-	-	-	-	-	+	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	Mucous feces		-	-	+	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
10402	Mucous feces		+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
10403	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	Mucous feces		+	-	-	-	-	-	+	-	+	-	-	-	-	-	+	-	+	-
10407	Mucous feces		+	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	Mucous feces		+	-	-	-	+	-	-	-	-	-	-	-	+	-	+	-	+	-
10410	Mucous feces		-	-	-	-	-	-	+	-	+	-	-	-	-	-	-	-	-	-
10411	Mucous feces		-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
10412	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	Mucous feces		-	-	+	-	+	-	-	-	-	-	+	-	-	-	+	-	+	-
10402	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
10403	Mucous feces		-	-	-	-	-	-	+	-	-	-	+	-	-	-	-	-	-	-
10404	Mucous feces		-	-	-	-	-	-	-	-	-	-	+	-	+	-	+	-	-	-
10405	Mucous feces		-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-	-	-
10406	Mucous feces		-	-	+	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-
10407	Mucous feces		-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-	+	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	Mucous feces		+	-	+	-	+	-	+	-	+	-	+	-	-	-	+	-	-	-
10410	Mucous feces		-	-	-	-	+	-	-	-	-	-	+	-	+	-	-	-	-	-
10411	Mucous feces		-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-	-	-
10412	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
10401	Mucous feces	+	-	-
10402	Mucous feces	-	-	-
10403	Mucous feces	-	-	
10404	Mucous feces	+	-	
10405	Mucous feces	-	-	
10406	Mucous feces	-	-	-
10407	Mucous feces	-	-	-
10408	No abnormality	-	-	-
10409	Mucous feces	+	-	
10410	Mucous feces	+	-	-
10411	Mucous feces	-	-	-
10412	Mucous feces	-	-	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-20
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50156	No abnormality		-	-	-	-	-	-	-	-	-	-								
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50159	No abnormality		-	-	-	-	-	-	-	-	-	-								
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50162	No abnormality		-	-	-	-	-	-	-	-	-	-								

Animal No.	Clinical signs	Day	19		20	
		Time	1	2	1	2
50151	No abnormality					
50152	No abnormality					
50153	No abnormality					
50154	No abnormality		-	-	-	-
50155	No abnormality					
50156	No abnormality					
50157	No abnormality					
50158	No abnormality					
50159	No abnormality					
50160	No abnormality					
50161	No abnormality					
50162	No abnormality					

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 gestation Day 0-22
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		Time	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-		
50152	No abnormality		-	-	-	-	-	-	-	-		
50153	No abnormality		-	-	-	-	-	-	-	-		
50154	No abnormality		-	-	-	-	-	-	-	-		
50155	No abnormality		-	-	-	-	-	-	-	-		
50156	No abnormality		-	-	-	-	-	-	-	-		
50157	No abnormality		-	-	-	-	-	-	-	-		
50158	No abnormality		-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-		
50160	No abnormality		-	-	-	-	-	-	-	-		
50161	No abnormality		-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-		

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-52
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	Trauma (abdomen)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50252	No abnormality		-	-	-	-	-	-	-	-	-	-								
50253	No abnormality		-	-	-	-	-	-	-	-	-	-								
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50255	Trauma (abdomen)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-								
50257	No abnormality		-	-	-	-	-	-	-	-	-	-								
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50259	No abnormality		-	-	-	-	-	-	-	-	-	-								
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50261	No abnormality		-	-	-	-	-	-	-	-	-	-								
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality																			
50252	No abnormality																			
50253	No abnormality																			
50254	No abnormality																			
50255	Trauma (abdomen)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality																			
50257	No abnormality																			
50258	No abnormality																			
50259	No abnormality																			
50260	No abnormality																			
50261	No abnormality																			
50262	No abnormality		-	-																

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Administration Day 1-52
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	28		29		30		31		32		33		34		35	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality																	
50252	No abnormality																	
50253	No abnormality																	
50254	No abnormality																	
50255	Trauma (abdomen)		+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality																	
50257	No abnormality																	
50258	No abnormality																	
50259	No abnormality																	
50260	No abnormality																	
50261	No abnormality																	
50262	No abnormality																	

Animal No.	Clinical signs	Day	36		37		38		39		40		41		42		43		44	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality																			
50252	No abnormality																			
50253	No abnormality																			
50254	No abnormality																			
50255	Trauma (abdomen)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality																			
50257	No abnormality																			
50258	No abnormality																			
50259	No abnormality																			
50260	No abnormality																			
50261	No abnormality																			
50262	No abnormality																			

Animal No.	Clinical signs	Day	45		46		47		48		49		50		51		52	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	3	
50251	No abnormality																	
50252	No abnormality																	
50253	No abnormality																	
50254	No abnormality																	
50255	Trauma (abdomen)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50256	No abnormality																	
50257	No abnormality																	
50258	No abnormality																	
50259	No abnormality																	
50260	No abnormality																	
50261	No abnormality																	
50262	No abnormality																	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : F0 gestation Day 0-26
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ - $
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ - $
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22		23		24		25		26
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	3
50251	No abnormality		-	-	-	-	-	-	-	-									
50252	No abnormality		-	-	-	-	-	-	-	-									
50253	No abnormality		-	-	-	-	-	-	-	-									
50254	No abnormality		-	-	-	-	-	-	-	-									
50256	No abnormality		-	-	-	-	-	-	-	-									
50257	No abnormality		-	-	-	-	-	-	-	-									
50258	No abnormality		-	-	-	-	-	-	-	-									
50259	No abnormality		-	-	-	-	-	-	-	-									
50260	No abnormality		-	-	-	-	-	-	-	-									
50261	No abnormality		-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ - $
50262	No abnormality		-	-	-	-	-	-	-	-	-	-							

1 : Before dosing, 2 : After dosing, 3 : Necropsy day
$: Excepted data from calculation (non-pregnancy)

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-25
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-								
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50353	No abnormality		-	-	-	-	-	-	-	-	-	-								
50354	No abnormality		-	-	-	-	-	-	-	-	-	-								
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50360	No abnormality		-	-	-	-	-	-	-	-	-	-								
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality															
50352	No abnormality															
50353	No abnormality															
50354	No abnormality															
50355	No abnormality															
50356	No abnormality															
50357	No abnormality															
50358	No abnormality															
50359	No abnormality															
50360	No abnormality															
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality															

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 gestation Day 0-22
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		Time	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-		
50352	No abnormality		-	-	-	-	-	-	-	-		
50353	No abnormality		-	-	-	-	-	-	-	-		
50354	No abnormality		-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-		
50356	No abnormality		-	-	-	-	-	-	-	-		
50357	No abnormality		-	-	-	-	-	-	-	-		
50358	No abnormality		-	-	-	-	-	-	-	-		
50359	No abnormality		-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-		
50361	No abnormality		-	-	-	-	-	-	-	-		
50362	No abnormality		-	-	-	-	-	-	-	-		

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-17
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	Mucous feces		-	-	-	-	-	-	+	-	-	-	-	-	-	-	+	-	-	-
50452	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
50456	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
50457	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	Mucous feces		-	-	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-	-
50460	Mucous feces		-	-	+	-	+	-	+	-	+	-	+	-	-	-	-	-	+	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	Mucous feces		-	-	-	-	+	-	+	-	-	+	-	-				
50452	Mucous feces		-	-	-	-	-	-	+	-	-	-						
50453	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	Mucous feces		-	-	+	-	-	-	-	-	-	-	-	-	-	-		
50455	Mucous feces		-	-	+	-	-	-	-	-	+	-	-	-	-	-		
50456	Mucous feces		-	-	-	-	-	-	-	-	-	-						
50457	Mucous feces		-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	Mucous feces		-	-	-	-	-	-	-	-	-	-						
50459	Mucous feces		-	-	+	-	+	-	-	-	-	-						
50460	Mucous feces		+	-	-	-	+	-	-	-	+	-	-	-	-	-		
50461	No abnormality		-	-	-	-	-	-	-	-	-	-						
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-				

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 gestation Day 0-22
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	Mucous feces		-	-	+	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-
50456	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	Mucous feces		-	-	-	-	-	-	+	-	-	-	+	-	+	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	Mucous feces		-	-	-	-	-	-	+	-	-	-	+	-	+	-	-	-	-	-
50454	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-
50455	Mucous feces		-	-	-	-	-	-	+	-	-	-	-	-	+	-	+	-	+	-
50456	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
50457	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	Mucous feces		-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
50459	Mucous feces		-	-	-	-	+	-	-	-	-	-	+	-	+	+	-	-	-	-
50460	Mucous feces		-	-	-	-	-	-	-	-	+	-	+	-	-	-	+	-	+	-
50461	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
50462	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		Time	1	2	1	2	1	2	1	2	1	2
50451	Mucous feces		-	-	-	-	-	-	-	-		
50452	No abnormality		-	-	-	-	-	-	-	-		
50453	Mucous feces		-	-	-	-	-	-	-	-		
50454	Mucous feces		-	-	-	-	-	-	-	-		
50455	Mucous feces		-	-	-	-	-	-	-	-		
50456	Mucous feces		-	-	-	-	-	-	-	-		
50457	Mucous feces		-	-	-	-	-	-	-	-	-	-
50458	Mucous feces		-	-	-	-	-	-	-	-		
50459	Mucous feces		-	-	-	-	-	-	-	-	-	-
50460	Mucous feces		-	-	-	-	-	-	-	-	-	-
50461	Mucous feces		-	-	-	-	-	-	-	-	-	-
50462	Mucous feces		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
50551	No abnormality	-	-	-
50552	No abnormality	-	-	-
50553	No abnormality	-	-	-
50554	No abnormality	-	-	-
50555	No abnormality	-	-	-
50556	No abnormality	-	-	
50557	No abnormality	-	-	
50558	No abnormality	-	-	
50559	No abnormality	-	-	
50560	No abnormality	-	-	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	Mucous feces		-	-	-	-	+	-	-	-	-	-	+	-	-	-	-	-	+	-
50652	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	Mucous feces		-	-	-	-	+	-	-	-	+	-	+	-	-	-	+	-	-	-
50656	Mucous feces		-	-	-	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-
50657	Mucous feces		-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
50658	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
50660	Mucous feces		-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
50652	Mucous feces		-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	Mucous feces		+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	Mucous feces		-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
50657	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	Mucous feces		-	-	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-	-
50659	Mucous feces		+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	Mucous feces		+	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-	+	-
50653	Mucous feces		+	-	+	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
50654	Mucous feces		-	-	-	-	+	-	+	-	-	-	-	-	-	-	+	-	-	-
50655	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
50656	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
50657	Mucous feces		-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
50658	Mucous feces		-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
50659	Mucous feces		-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
50660	Mucous feces		+	-	-	-	+	-	+	-	+	+	+	-	+	-	+	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
50651	Mucous feces	-	-	-
50652	Mucous feces	-	-	-
50653	Mucous feces	-	-	-
50654	Mucous feces	-	-	+
50655	Mucous feces	-	+	+
50656	Mucous feces	-	-	
50657	Mucous feces	-	-	
50658	Mucous feces	-	-	
50659	Mucous feces	-	-	
50660	Mucous feces	+	-	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Recovery Day 1-15
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Recovery Day 1-15
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	Mucous feces		+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50660	Mucous feces		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	11	11	11	11	11	11

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	11	11	11	11	11	11

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10111	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10409	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10111	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10409	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	11	11	11	11	11	11	11	11

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50262	1	1	1	0
n	11	11	11	11

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	11	11	11	11	11	11	11	11

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50262	1	1	1	0
n	11	11	11	11

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10105	1	1	1	0
10106	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10111	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10409	1	1	1	0
10412	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10105	1	1	1	0
10106	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10111	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10409	1	1	1	0
10412	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	1	0	0
10102	1	1	1	1	0	1	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	1	1	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	1	1	0	0
10203	1	1	1	1	0	1	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	1	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	1	1	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	1	0	0
10302	1	1	1	1	0	1	0	0
10303	1	1	1	1	0	1	0	0
10304	1	1	1	1	1	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	1	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	1	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	1	1	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	1	0	0	0
10409	1	1	1	1	0	1	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	0	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	1	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	0	1	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	1	1	0	0
10205	1	1	1	1	0	1	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	1	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	1	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	1	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	1	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	1	1	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	0	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	1	0	0
10102	1	1	1	1	0	1	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	1	1	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	1	1	0	0
10205	1	1	1	1	1	1	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	1	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	1	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	1	0	0
10402	1	1	1	1	1	1	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	1	1	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	0	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	0	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	1	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	1	0	0
10205	1	1	1	1	0	1	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	1	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	1	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	0	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	1	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	1	1	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	0	1	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	1	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	1	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	1	0	0	0
10402	1	1	1	1	0	1	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	0	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	1	0	0
50152	1	1	1	1	1	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	1	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	1	1	0	0
50253	1	1	1	1	1	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	1	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	1	0	0	0
50261	1	1	1	1	1	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	1	1	0	0
50352	1	1	1	1	1	0	0	0
50353	1	1	1	1	1	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	1	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	1	0	0	0
50153	1	1	1	1	1	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	1	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	1	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	1	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	1	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	1	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	1	0	0	0
50155	1	1	1	1	1	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	1	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50262	1	1	1	1	1	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50262	1	1	1
n	11	11	11

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	1	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	1	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50262	1	1	1
n	11	11	11

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	1	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	1	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	1	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	1	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	1	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	1	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	1	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10105	1	1	1
10106	1	1	1
10108	1	1	1
10109	1	1	1
10111	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	1	0	0	0
10409	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10403	1	1	1
10404	1	1	1
10405	1	1	1
10409	1	1	1
10412	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10105	1	1	1
10106	1	1	1
10108	1	1	1
10109	1	1	1
10111	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	1	0	0	0
10409	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10403	1	1	1
10404	1	1	1
10405	1	1	1
10409	1	1	1
10412	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10105	4	2	1	2	1	1
10106	4	2	1	2	1	1
10108	4	2	1	2	1	1
10109	4	2	1	2	1	1
10111	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10201	4	2	1	2	1	1
10208	4	2	1	2	1	1
10210	4	2	1	2	1	1
10211	4	2	1	2	1	1
10212	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10302	4	2	1	2	1	1
10305	4	2	1	2	1	1
10307	4	2	1	2	1	1
10310	4	2	1	2	1	1
10312	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10403	4	2	1	2	1	1
10404	4	2	1	2	1	1
10405	4	2	1	2	1	1
10409	4	2	1	2	1	1
10412	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50152	4	2	1	2	1	1
50155	4	2	1	2	1	1
50156	4	2	1	2	1	1
50159	4	2	1	2	1	1
50162	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50252	4	2	1	2	1	1
50253	4	2	1	2	1	1
50256	4	2	1	2	1	1
50257	4	2	1	2	1	1
50259	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50351	4	2	1	2	1	1
50353	4	2	1	2	1	1
50354	4	2	1	2	1	1
50356	4	2	1	2	1	1
50360	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50451	4	2	1	2	1	1
50452	4	2	1	2	1	1
50456	4	2	1	2	1	1
50458	4	2	1	2	1	1
50459	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50556	4	2	1	2	1	1
50557	4	2	1	2	1	1
50558	4	2	1	2	1	1
50559	4	2	1	2	1	1
50560	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Female (satellite) Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50656	4	2	1	2	1	1
50657	4	2	1	2	1	1
50658	4	2	1	2	1	1
50659	4	2	1	2	1	1
50660	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Grip strength
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10105	1292	1163	1259	1238.0	522	634	699	618.3
10106	1633	1575	1780	1662.7	555	534	492	527.0
10108	1387	1216	1258	1287.0	457	525	527	503.0
10109	1336	1380	1539	1418.3	586	477	550	537.7
10111	1353	1437	1518	1436.0	582	634	681	632.3
n	5	5	5	5	5	5	5	5
Mean	1400.2	1354.2	1470.8	1408.40	540.4	560.8	589.8	563.66
S.D.	134.6	167.3	219.4	165.30	53.2	70.2	94.0	57.87

Grip strength
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10201	1579	1540	1609	1576.0	488	505	628	540.3
10208	1696	1726	1511	1644.3	612	585	551	582.7
10210	1732	1929	1939	1866.7	604	712	699	671.7
10211	1672	1526	1642	1613.3	492	458	529	493.0
10212	1609	1772	1665	1682.0	422	410	510	447.3
n	5	5	5	5	5	5	5	5
Mean	1657.6	1698.6	1673.2	1676.46	523.6	534.0	583.4	547.00
S.D.	62.8	168.9	159.8	113.29	82.0	118.6	78.7	86.21

Grip strength
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10302	1624	1573	1788	1661.7	677	548	610	611.7
10305	1393	1566	1637	1532.0	574	614	674	620.7
10307	1699	1411	1312	1474.0	623	632	574	609.7
10310	1795	1434	1616	1615.0	434	577	415	475.3
10312	1698	1414	1609	1573.7	547	673	678	632.7
n	5	5	5	5	5	5	5	5
Mean	1641.8	1479.6	1592.4	1571.28	571.0	608.8	590.2	590.02
S.D.	151.8	82.6	173.0	72.63	91.2	48.5	107.3	64.77

Grip strength
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10403	1503	1535	1742	1593.3	582	623	541	582.0
10404	1535	1543	1720	1599.3	626	648	621	631.7
10405	1511	1319	1482	1437.3	458	455	503	472.0
10409	1114	1076	954	1048.0	506	587	421	504.7
10412	1400	1391	1321	1370.7	577	487	441	501.7
n	5	5	5	5	5	5	5	5
Mean	1412.6	1372.8	1443.8	1409.72	549.8	560.0	505.4	538.42
S.D.	174.8	191.4	324.7	225.15	66.9	84.8	80.5	66.14

Grip strength
Sex : Female

Stage : Lactation day 13
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50152	1481	1628	1768	1625.7	467	487	582	512.0
50155	1509	1356	1386	1417.0	551	490	508	516.3
50156	1687	1697	1698	1694.0	547	506	486	513.0
50159	1787	1823	1762	1790.7	572	507	443	507.3
50162	1594	1268	1457	1439.7	438	436	462	445.3
n	5	5	5	5	5	5	5	5
Mean	1611.6	1554.4	1614.2	1593.42	515.0	485.2	496.2	498.78
S.D.	126.8	234.1	179.8	161.89	58.7	29.0	53.9	30.07

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50252	1676	1863	1839	1792.7	459	506	515	493.3
50253	1373	1356	1387	1372.0	453	596	541	530.0
50256	1456	1383	1581	1473.3	468	507	505	493.3
50257	1536	1602	1589	1575.7	504	498	486	496.0
50259	1579	1774	1809	1720.7	518	462	428	469.3
n	5	5	5	5	5	5	5	5
Mean	1524.0	1595.6	1641.0	1586.88	480.4	513.8	495.0	496.38
S.D.	115.9	226.9	185.9	172.82	28.9	49.5	42.4	21.70

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50351	1492	1843	1865	1733.3	569	495	581	548.3
50353	1677	1729	1677	1694.3	535	565	499	533.0
50354	1948	1983	1970	1967.0	598	642	578	606.0
50356	1380	1525	1541	1482.0	553	441	489	494.3
50360	1526	1628	1671	1608.3	653	546	636	611.7
n	5	5	5	5	5	5	5	5
Mean	1604.6	1741.6	1744.8	1696.98	581.6	537.8	556.6	558.66
S.D.	219.4	179.3	170.8	179.11	46.1	75.6	61.7	49.91

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50451	1451	1483	1685	1539.7	590	643	515	582.7
50452	1461	1581	1526	1522.7	511	581	562	551.3
50456	1609	1789	1630	1676.0	548	558	452	519.3
50458	1311	1527	1613	1483.7	472	524	608	534.7
50459	1491	1355	1508	1451.3	530	484	510	508.0
n	5	5	5	5	5	5	5	5
Mean	1464.6	1547.0	1592.4	1534.68	530.2	558.0	529.4	539.20
S.D.	106.5	159.0	74.1	86.16	43.7	60.0	58.8	29.28

Grip strength

Stage : Week 4

Sex : Female (satellite)

Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50556	1345	1265	1458	1356.0	326	411	439	392.0
50557	1015	1142	1247	1134.7	535	420	424	459.7
50558	1178	1013	1113	1101.3	415	583	537	511.7
50559	1196	1396	1220	1270.7	476	443	482	467.0
50560	1201	1167	1046	1138.0	408	404	457	423.0
n	5	5	5	5	5	5	5	5
Mean	1187.0	1196.6	1216.8	1200.14	432.0	452.2	467.8	450.68
S.D.	117.2	143.2	157.4	108.61	78.5	74.6	44.3	45.50

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50656	1084	1219	1207	1170.0	578	447	540	521.7
50657	1538	1547	1215	1433.3	562	518	470	516.7
50658	1495	1373	1422	1430.0	498	508	460	488.7
50659	1347	1212	1247	1268.7	407	522	412	447.0
50660	1454	1317	1332	1367.7	516	494	482	497.3
n	5	5	5	5	5	5	5	5
Mean	1383.6	1333.6	1284.6	1333.94	512.2	497.8	472.8	494.28
S.D.	181.9	137.2	91.4	113.33	67.3	30.4	46.0	29.71

Motor activity measurements Stage : Week 4
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10105	564	620	511	246	49	45	2035
10106	402	191	172	83	104	71	1023
10108	522	285	166	102	66	37	1178
10109	339	282	205	136	81	29	1072
10111	438	184	63	67	91	90	933
n	5	5	5	5	5	5	5
Mean	453.0	312.4	223.4	126.8	78.2	54.4	1248.2
S.D.	90.7	178.5	169.3	71.4	21.4	25.4	448.6

Motor activity measurements Stage : Week 4
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10201	344	117	39	104	41	8	653
10208	338	179	204	242	166	132	1261
10210	216	137	73	51	31	14	522
10211	479	201	130	126	52	63	1051
10212	190	58	37	2	0	0	287
n	5	5	5	5	5	5	5
Mean	313.4	138.4	96.6	105.0	58.0	43.4	754.8
S.D.	115.8	55.9	70.8	90.5	63.4	55.3	396.0

Motor activity measurements Stage : Week 4
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10302	197	168	43	22	0	13	443
10305	392	301	144	54	15	14	920
10307	249	94	4	0	0	0	347
10310	755	645	469	199	374	285	2727
10312	178	223	106	150	67	104	828
n	5	5	5	5	5	5	5
Mean	354.2	286.2	153.2	85.0	91.2	83.2	1053.0
S.D.	239.2	214.4	184.7	85.7	160.5	120.2	967.1

Motor activity measurements Stage : Week 4
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10403	325	109	4	0	0	0	438
10404	207	129	84	90	33	23	566
10405	475	131	131	103	280	66	1186
10409	304	262	152	71	90	116	995
10412	391	251	188	122	24	0	976
n	5	5	5	5	5	5	5
Mean	340.4	176.4	111.8	77.2	85.4	41.0	832.2
S.D.	100.0	73.7	71.0	47.0	113.7	49.8	315.7

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50152	514	76	73	4	136	0	803
50155	394	69	4	30	0	0	497
50156	322	148	154	89	15	57	785
50159	264	177	81	116	106	67	811
50162	400	96	63	23	13	50	645
n	5	5	5	5	5	5	5
Mean	378.8	113.2	75.0	52.4	54.0	34.8	708.2
S.D.	94.0	47.2	53.5	47.7	62.3	32.3	136.1

Motor activity measurements

Stage : Lactation day 13

Sex : Female

Dose : Polyoxymethylene 20 mg/kg

Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50252	385	36	0	114	0	0	535
50253	247	123	36	27	0	67	500
50256	452	238	90	83	10	202	1075
50257	268	91	0	109	0	2	470
50259	185	35	9	8	83	0	320
n	5	5	5	5	5	5	5
Mean	307.4	104.6	27.0	68.2	18.6	54.2	580.0
S.D.	108.5	83.5	38.2	48.2	36.3	87.5	288.6

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50351	561	351	176	190	60	131	1469
50353	470	283	289	164	134	287	1627
50354	876	464	67	75	232	84	1798
50356	711	399	438	149	550	550	2797
50360	350	187	83	157	87	92	956
n	5	5	5	5	5	5	5
Mean	593.6	336.8	210.6	147.0	212.6	228.8	1729.4
S.D.	205.7	106.8	154.9	43.1	199.7	197.4	674.7

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50451	327	2	0	0	0	0	329
50452	447	254	69	227	205	91	1293
50456	438	120	19	3	101	92	773
50458	315	122	57	76	122	0	692
50459	274	305	149	54	176	32	990
n	5	5	5	5	5	5	5
Mean	360.2	160.6	58.8	72.0	120.8	43.0	815.4
S.D.	77.7	120.3	57.6	92.6	79.3	46.2	357.8

Motor activity measurements
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50556	373	190	185	133	171	140	1192
50557	769	411	121	289	174	10	1774
50558	939	533	453	195	257	352	2729
50559	402	299	174	49	84	41	1049
50560	777	596	281	143	59	0	1856
n	5	5	5	5	5	5	5
Mean	652.0	405.8	242.8	161.8	149.0	108.6	1720.0
S.D.	251.0	166.1	130.9	88.3	79.2	146.9	664.9

Motor activity measurements
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50656	666	438	473	379	171	105	2232
50657	489	240	244	229	165	212	1579
50658	582	616	498	206	242	265	2409
50659	361	345	136	174	73	115	1204
50660	186	42	46	118	74	17	483
n	5	5	5	5	5	5	5
Mean	456.8	336.2	279.4	221.2	145.0	142.8	1581.4
S.D.	189.1	214.8	201.0	97.6	72.0	97.1	783.8

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 0 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10101	494	513	523	557	579	607	113
10102	398	406	412	438	461	482	84
10103	444	468	478	512	533	564	120
10104	453	465	476	505	533	552	99
10105	413	427	437	463	486	508	95
10106	440	445	458	490	505	525	85
10107	430	435	454	471	485	513	83
10108	433	445	460	493	517	540	107
10109	447	457	471	498	529	543	96
10110	425	437	447	469	487	501	76
10111	459	471	482	514	529	540	81
10112	460	469	481	511	533	555	95
n	12	12	12	12	12	12	12
Mean	441.3	453.2	464.9	493.4	514.8	535.8	94.5
S.D.	24.8	27.2	27.5	30.7	31.6	33.2	13.6

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 20 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10201	434	448	459	479	500	510	76
10202	458	479	495	543	566	599	141
10203	408	415	426	448	475	491	83
10204	416	423	431	445	458	480	64
10205	408	417	423	443	443	458	50
10206	427	435	443	469	479	510	83
10207	443	446	450	470	491	517	74
10208	457	460	468	493	525	551	94
10209	491	507	522	558	586	626	135
10210	453	469	479	503	514	530	77
10211	431	437	449	478	486	502	71
10212	455	468	479	486	498	531	76
n	12	12	12	12	12	12	12
Mean	440.1	450.3	460.3	484.6	501.8	525.4	85.3
S.D.	24.4	27.5	29.7	36.2	41.4	47.8	26.9

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 60 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10301	495	513	532	570	592	629	134
10302	437	452	458	478	491	497	60
10303	428	436	444	467	479	498	70
10304	413	412	415	433	453	472	59
10305	424	437	455	482	508	533	109
10306	430	436	446	463	474	497	67
10307	410	419	428	455	483	503	93
10308	455	472	478	514	530	548	93
10309	463	474	490	527	552	577	114
10310	447	460	473	492	530	560	113
10311	446	456	464	496	524	542	96
10312	457	471	487	517	539	553	96
n	12	12	12	12	12	12	12
Mean	442.1	453.2	464.2	491.2	512.9	534.1	92.0
S.D.	23.8	27.7	31.1	37.0	39.1	43.7	23.8

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 200 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10401	486	496	499	526	549	575	89
10402	439	444	456	479	494	520	81
10403	426	438	447	477	491	508	82
10404	437	445	452	474	497	511	74
10405	457	455	457	469	495	515	58
10406	460	458	461	479	500	529	69
10407	433	438	445	464	475	484	51
10408	482	492	495	527	544	558	76
10409	453	469	487	517	541	562	109
10410	402	414	417	431	451	460	58
10411	417	422	426	435	447	460	43
10412	421	428	441	469	488	508	87
n	12	12	12	12	12	12	12
Mean	442.8	449.9	456.9	478.9	497.7	515.8	73.1
S.D.	25.6	25.7	25.6	31.1	33.1	36.9	18.5

Body weight
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50151	243	254	259	270	27
50152	248	250	255	265	17
50153	259	265	261	269	10
50154	257	274	281	295	38
50155	234	231	236	251	17
50156	244	253	246	261	17
50157	238	244	239	243	5
50158	256	267	276	289	33
50159	262	263	256	276	14
50160	251	257	256	258	7
50161	281	283	290	310	29
50162	242	241	253	248	6
n	12	12	12	12	12
Mean	251.3	256.8	259.0	269.6	18.3
S.D.	12.8	14.6	16.3	20.1	11.0

Body weight
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50251	244	250	251	260	16
50252	248	249	245	260	12
50253	255	257	252	263	8
50254	246	253	251	254	8
50255	250	250	260	257	7
50256	243	244	244	263	20
50257	260	270	269	288	28
50258	259	276	281	288	29
50259	258	262	262	284	26
50260	243	241	254	265	22
50261	268	276	279	288	20
50262	242	238	248	262	20
n	12	12	12	12	12
Mean	251.3	255.5	258.0	269.3	18.0
S.D.	8.5	13.0	12.5	13.4	7.8

Animal No. 50255 was unsuccessfully mated and its body weights on Days 21, 28, 35, 42, and 49 were 319, 346, 317, 329, and 333 g, respectively.

Body weight
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50351	273	273	274	290	17
50352	253	259	268	276	23
50353	260	267	267	285	25
50354	258	257	257	274	16
50355	240	249	250	260	20
50356	245	248	253	259	14
50357	231	242	244	251	20
50358	266	272	259	277	11
50359	230	236	235	234	4
50360	250	252	254	264	14
50361	269	281	284	290	21
50362	266	273	279	289	23
n	12	12	12	12	12
Mean	253.4	259.1	260.3	270.8	17.3
S.D.	14.5	14.1	14.5	17.6	6.0

Body weight
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50451	247	240	242	254	7
50452	254	256	257	271	17
50453	261	267	266	270	9
50454	239	247	248	248	9
50455	266	273	277	278	12
50456	257	267	268	291	34
50457	236	245	249	254	18
50458	240	250	243	256	16
50459	250	252	251	270	20
50460	246	255	259	270	24
50461	273	281	280	297	24
50462	230	233	246	252	22
n	12	12	12	12	12
Mean	249.9	255.5	257.2	267.6	17.7
S.D.	12.8	14.1	13.0	15.6	7.8

Body weight
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50151	270	315	355	424	154
50152	269	297	328	409	140
50153	274	306	339	429	155
50154	309	351	396	489	180
50155	246	272	303	378	132
50156	263	297	333	407	144
50157	260	287	320	412	152
50158	290	339	386	464	174
50159	271	302	345	437	166
50160	270	310	342	414	144
50161	308	358	410	510	202
50162	252	293	331	402	150
n	12	12	12	12	12
Mean	273.5	310.6	349.0	431.3	157.8
S.D.	19.7	26.2	32.3	38.3	19.7

Body weight
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50251	270	301	348	450	180
50252	251	291	331	410	159
50253	264	301	338	418	154
50254	265	303	336	425	160
50256	263	293	329	403	140
50257	291	324	362	456	165
50258	300	337	390	496	196
50259	280	319	362	448	168
50260	269	303	345	429	160
50261	284 $	324 $	354 $	358 $	74 $
50262	275	300	335	404	129
n	10	10	10	10	10
Mean	272.8	307.2	347.6	433.9	161.1
S.D.	14.4	14.7	18.9	29.0	18.8

$: Excepted data from calculation (non-pregnancy)

Body weight
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50351	300	328	371	456	156
50352	280	309	335	413	133
50353	277	323	364	466	189
50354	279	297	333	420	141
50355	261	292	323	400	139
50356	267	306	349	435	168
50357	259	299	340	421	162
50358	288	332	366	455	167
50359	253	299	340	428	175
50360	267	296	335	414	147
50361	339	367	392	468	129
50362	300	340	373	452	152
n	12	12	12	12	12
Mean	280.8	315.7	351.8	435.7	154.8
S.D.	23.8	22.7	20.9	23.0	18.1

Body weight
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50451	259	303	357	439	180
50452	275	297	334	408	133
50453	281	321	356	455	174
50454	256	286	323	406	150
50455	279	309	345	425	146
50456	286	338	383	478	192
50457	266	297	345	432	166
50458	256	293	336	420	164
50459	265	293	331	405	140
50460	276	309	344	403	127
50461	296	338	382	468	172
50462	253	295	335	417	164
n	12	12	12	12	12
Mean	270.7	306.6	347.6	429.7	159.0
S.D.	13.6	17.4	19.0	25.5	19.8

Body weight
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50151	327	333	346	362	35
50152	320	331	329	336	16
50153	321	347	355	367	46
50154	370	396	399	389	19
50155	292	307	315	317	25
50156	312	341	340	344	32
50157	313	324	341	343	30
50158	359	388	386	392	33
50159	333	368	380	375	42
50160	318	318	325	340	22
50161	407	417	406	413	6
50162	310	342	338	352	42
n	12	12	12	12	12
Mean	331.8	351.0	355.0	360.8	29.0
S.D.	31.8	34.0	30.3	27.6	11.9

Body weight
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	Body weight /Day 0	4	7	13	Body weight gain
50251	324	325	338	347	23
50252	311	344	336	344	33
50253	323	349	356	352	29
50254	348	354	361	361	13
50256	334	335	355	354	20
50257	329	373	379	372	43
50258	388	386	392	400	12
50259	357	364	363	373	16
50260	351	345	337	345	-6
50262	329	330	334	334	5
n	10	10	10	10	10
Mean	339.4	350.5	355.1	358.2	18.8
S.D.	22.2	19.3	19.6	19.2	14.2

Body weight
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50351	351	367	377	373	22
50352	332	347	357	367	35
50353	353	369	372	381	28
50354	312	329	335	350	38
50355	306	329	330	335	29
50356	352	357	357	365	13
50357	316	327	345	348	32
50358	361	359	366	378	17
50359	312	327	335	342	30
50360	345	321	341	345	0
50361	362	393	379	377	15
50362	356	374	378	387	31
n	12	12	12	12	12
Mean	338.2	349.9	356.0	362.3	24.2
S.D.	21.2	23.3	18.4	17.5	11.0

Body weight
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50451	318	341	342	371	53
50452	329	351	358	343	14
50453	348	360	375	393	45
50454	298	289	302	348	50
50455	321	332	343	348	27
50456	366	388	385	384	18
50457	337	336	335	360	23
50458	333	347	340	346	13
50459	278	285	322	341	63
50460	337	345	355	363	26
50461	356	371	369	376	20
50462	312	306	318	343	31
n	12	12	12	12	12
Mean	327.8	337.6	345.3	359.7	31.9
S.D.	24.5	31.1	24.5	17.8	16.7

Body weight
Sex : Female (satellite)

Period : Administration Day 1-28
Dose : Polyoxymethylene 0 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50551	262	264	275	269	281	288	26
50552	242	244	250	262	262	260	18
50553	232	246	248	254	250	259	27
50554	258	268	269	273	289	296	38
50555	251	257	255	279	285	282	31
50556	242	247	250	268	271	276	34
50557	254	257	273	284	284	276	22
50558	246	255	265	275	278	288	42
50559	265	284	290	305	307	314	49
50560	270	274	277	292	296	291	21
n	10	10	10	10	10	10	10
Mean	252.2	259.6	265.2	276.1	280.3	283.0	30.8
S.D.	11.9	13.0	14.1	14.8	16.4	16.5	10.0

Body weight
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Polyoxymethylene 200 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50651	230	239	243	250	255	266	36
50652	263	265	266	278	286	285	22
50653	257	257	267	285	291	297	40
50654	231	241	249	260	263	274	43
50655	246	254	254	260	269	279	33
50656	259	270	274	279	286	310	51
50657	254	265	269	280	280	291	37
50658	244	249	250	260	263	273	29
50659	243	249	249	261	274	273	30
50660	262	264	262	288	295	296	34
n	10	10	10	10	10	10	10
Mean	248.9	255.3	258.3	270.1	276.2	284.4	35.5
S.D.	12.1	10.7	10.6	13.2	13.5	13.9	8.0

Body weight
Sex : Male
Period : Recovery Day 1-14
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10105	509	531	552	43
10106	529	540	553	24
10108	545	558	575	30
10109	547	563	576	29
10111	541	563	581	40
n	5	5	5	5
Mean	534.2	551.0	567.4	33.2
S.D.	15.7	14.6	13.8	8.0

Body weight
Sex : Male
Period : Recovery Day 1-14
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10403	508	523	538	30
10404	512	535	548	36
10405	521	553	579	58
10409	556	567	586	30
10412	514	532	554	40
n	5	5	5	5
Mean	522.2	542.0	561.0	38.8
S.D.	19.5	17.7	20.6	11.5

Body weight
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50556	280	281	299	19
50557	288	306	318	30
50558	291	304	308	17
50559	316	331	333	17
50560	296	308	321	25
n	5	5	5	5
Mean	294.2	306.0	315.8	21.6
S.D.	13.5	17.7	12.9	5.7

Body weight
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50656	305	328	343	38
50657	287	313	321	34
50658	269	280	285	16
50659	277	277	292	15
50660	305	303	316	11
n	5	5	5	5
Mean	288.6	300.2	311.4	22.8
S.D.	16.3	21.7	23.4	12.3

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10101	30.5	28.6	28.6	26.3
10102	18.7	19.7	19.8	20.4
10103	25.1	27.5	25.6	24.3
10104	27.3	26.5	25.4	25.3
10105	20.2	23.4	22.1	20.7
10106	24.2	24.4	22.3	20.5
10107	24.3	24.7	22.1	23.2
10108	27.4	26.9	26.7	24.5
10109	27.2	23.6	22.1	21.1
10110	22.5	21.9	19.9	18.9
10111	24.8	24.5	24.0	21.4
10112	26.6	27.0	26.1	25.5
n	12	12	12	12
Mean	24.90	24.89	23.73	22.68
S.D.	3.29	2.56	2.77	2.46

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10201	24.1	23.8	22.4	19.9
10202	29.5	30.1	29.8	26.8
10203	19.7	22.1	20.7	21.2
10204	21.8	21.4	20.1	20.7
10205	24.4	24.1	23.9	:::
10206	22.3	22.4	20.5	20.9
10207	21.3	21.3	20.5	21.6
10208	25.4	25.7	24.3	25.1
10209	26.1	26.1	25.0	26.2
10210	24.0	24.4	23.5	20.1
10211	22.8	25.1	23.6	22.1
10212	25.2	24.8	22.6	22.6
n	12	12	12	11
Mean	23.88	24.28	23.08	22.47
S.D.	2.58	2.45	2.70	2.45

::: : During mating

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10301	29.3	29.4	27.5	26.3
10302	26.2	24.2	23.6	21.4
10303	21.3	22.9	21.3	21.1
10304	21.0	21.1	21.2	22.6
10305	21.7	26.4	24.9	23.8
10306	21.5	22.0	21.5	21.6
10307	20.1	21.1	21.9	20.9
10308	26.2	24.8	24.3	23.0
10309	25.2	25.2	25.8	23.6
10310	27.8	28.3	27.3	25.8
10311	24.2	25.1	24.1	:::
10312	25.1	28.7	26.3	23.1
n	12	12	12	11
Mean	24.13	24.93	24.14	23.02
S.D.	2.98	2.87	2.30	1.80

::: : During mating

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10401	22.8	23.7	24.4	26.7
10402	20.4	23.1	23.1	25.1
10403	22.3	22.7	23.3	23.2
10404	18.7	23.6	24.0	23.2
10405	18.1	18.4	19.9	23.1
10406	18.7	22.8	23.6	24.8
10407	22.5	22.6	23.5	21.9
10408	23.5	23.5	25.1	25.4
10409	24.2	26.7	26.6	25.5
10410	19.3	19.4	19.5	20.2
10411	19.4	20.6	19.6	20.2
10412	22.9	23.6	22.4	27.0
n	12	12	12	12
Mean	21.07	22.56	22.92	23.86
S.D.	2.17	2.19	2.23	2.29

Food consumption
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50151	16.6	14.6	14.9
50152	16.3	17.3	15.1
50153	16.6	17.0	16.9
50154	18.8	17.2	17.2
50155	12.5	15.9	14.9
50156	17.4	16.6	17.3
50157	13.2	12.5	14.1
50158	17.6	16.4	16.8
50159	16.8	17.1	16.8
50160	16.0	15.8	17.0
50161	21.8	21.9	20.1
50162	17.1	17.6	13.9
n	12	12	12
Mean	16.73	16.66	16.25
S.D.	2.38	2.18	1.75

Food consumption
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50251	13.7	14.4	14.5
50252	16.8	16.6	16.9
50253	16.0	15.4	15.8
50254	15.1	14.2	14.8
50255	15.1	18.7	14.4
50256	15.4	16.6	17.1
50257	17.7	17.6	18.0
50258	18.1	18.0	17.6
50259	15.6	18.0	17.4
50260	15.2	19.1	15.7
50261	15.8	16.1	16.6
50262	16.5	17.7	15.9
n	12	12	12
Mean	15.92	16.87	16.23
S.D.	1.21	1.60	1.23

Animal No. 50255 was unsuccessfully mated and its food consumption on Days 35, 42, and 49 was 14.4, 16.1, and 16.6 g, respectively.

Food consumption
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50351	16.7	19.1	17.3
50352	17.5	17.4	16.9
50353	17.1	20.1	18.8
50354	16.7	18.2	18.0
50355	16.9	16.1	14.9
50356	17.1	16.5	14.3
50357	14.5	13.6	13.7
50358	15.8	15.5	17.3
50359	13.8	14.9	14.7
50360	14.3	15.3	15.1
50361	18.2	19.1	18.6
50362	15.4	16.8	17.7
n	12	12	12
Mean	16.17	16.88	16.44
S.D.	1.39	1.96	1.79

Food consumption
Sex : Female
Period : F0 before mating Day 1-14
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50451	13.4	13.6	15.4
50452	15.9	18.2	15.1
50453	14.9	14.8	15.2
50454	13.6	13.0	12.1
50455	15.8	14.5	12.3
50456	15.6	18.1	18.6
50457	12.9	15.0	15.4
50458	17.2	16.8	17.3
50459	12.9	15.3	15.6
50460	16.9	15.5	15.7
50461	16.9	18.9	18.2
50462	14.6	17.4	15.4
n	12	12	12
Mean	15.05	15.93	15.53
S.D.	1.58	1.92	1.96

Food consumption
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50151	19.5	21.8	20.9
50152	19.6	21.7	20.7
50153	19.0	20.8	24.0
50154	22.4	23.8	25.5
50155	16.6	18.2	20.1
50156	21.8	21.7	22.1
50157	18.0	20.1	21.0
50158	22.3	26.8	24.6
50159	19.4	22.7	23.0
50160	20.8	22.2	21.1
50161	26.0	28.4	25.2
50162	20.4	21.3	21.3
n	12	12	12
Mean	20.48	22.46	22.46
S.D.	2.44	2.79	1.92

Food consumption
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50251	18.3	19.7	20.6
50252	20.2	21.6	22.1
50253	19.2	20.7	23.3
50254	20.4	21.6	23.5
50256	20.3	20.9	21.7
50257	20.1	20.2	19.7
50258	24.7	31.4	28.4
50259	20.6	20.8	21.4
50260	23.6	23.1	22.6
50261	20.4 $	21.7 $	17.8 $
50262	20.8	21.2	21.7
n	10	10	10
Mean	20.82	22.12	22.50
S.D.	1.92	3.39	2.37

$: Excepted data from calculation (non-pregnancy)

Food consumption
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50351	21.0	22.2	23.1
50352	17.9	19.3	20.1
50353	21.9	24.0	22.8
50354	19.7	20.7	23.4
50355	18.4	20.0	21.9
50356	20.3	22.8	24.7
50357	21.0	20.8	20.4
50358	23.8	25.3	24.1
50359	22.6	24.9	24.5
50360	19.0	19.4	19.1
50361	20.4	20.7	19.8
50362	22.3	23.3	22.2
n	12	12	12
Mean	20.69	21.95	22.18
S.D.	1.78	2.10	1.93

Food consumption
Sex : Female
Period : F0 gestation Day 0-20
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50451	22.9	26.1	25.2
50452	18.2	20.0	19.7
50453	20.7	23.2	23.0
50454	16.6	19.3	19.8
50455	19.5	20.5	21.4
50456	23.6	25.0	25.1
50457	21.7	24.2	23.6
50458	24.5	26.3	23.5
50459	19.4	20.2	19.6
50460	19.4	21.7	21.2
50461	22.8	25.6	24.2
50462	21.6	23.1	21.4
n	12	12	12
Mean	20.91	22.93	22.31
S.D.	2.36	2.54	2.06

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50151	25.1	39.2	50.6
50152	29.9	40.5	52.7
50153	37.1	47.9	57.2
50154	31.0	40.5	49.2
50155	29.6	44.7	50.4
50156	30.6	41.0	49.5
50157	29.9	49.3	57.3
50158	33.2	44.7	52.3
50159	34.1	43.2	55.2
50160	24.6	37.9	50.6
50161	34.0	42.4	56.1
50162	27.8	34.3	46.6
n	12	12	12
Mean	30.58	42.13	52.31
S.D.	3.68	4.19	3.46

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 20 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50251	26.3	36.1	48.6
50252	32.3	41.5	48.5
50253	34.1	43.8	48.5
50254	27.7	38.2	48.6
50256	28.5	47.7	50.5
50257	31.6	44.3	54.2
50258	28.5	38.2	50.6
50259	23.7	33.9	45.4
50260	26.6	33.6	45.8
50262	22.9	32.1	40.3
n	10	10	10
Mean	28.22	38.94	48.10
S.D.	3.62	5.22	3.70

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 60 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50351	33.0	46.0	54.3
50352	30.9	41.0	53.3
50353	29.3	39.7	52.0
50354	33.6	45.1	56.1
50355	26.3	34.6	44.7
50356	31.6	41.8	52.7
50357	31.6	43.5	55.8
50358	26.6	40.7	58.2
50359	24.2	38.6	48.3
50360	24.6	43.8	52.7
50361	32.4	33.1	42.8
50362	27.4	37.9	48.0
n	12	12	12
Mean	29.29	40.48	51.58
S.D.	3.34	3.98	4.70

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50451	31.7	41.2	53.6
50452	32.0	42.5	54.0
50453	27.4	42.1	55.4
50454	23.6	38.8	54.0
50455	28.8	39.8	47.3
50456	32.4	43.4	52.6
50457	29.8	41.6	54.7
50458	33.2	42.0	55.4
50459	16.1	47.6	56.4
50460	29.7	46.2	58.6
50461	34.3	46.3	56.5
50462	30.9	36.3	50.7
n	12	12	12
Mean	29.16	42.32	54.10
S.D.	5.01	3.26	2.94

Food consumption
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	21	28
50551	16.1	17.5	12.8	15.3	16.1
50552	16.3	16.7	14.6	14.0	14.0
50553	17.7	15.0	15.0	15.2	14.7
50554	15.9	17.1	15.9	16.8	15.5
50555	15.8	16.8	17.8	16.2	14.6
50556	16.6	16.9	17.1	15.3	15.1
50557	18.5	20.5	16.6	16.9	14.4
50558	18.2	18.5	16.7	16.4	15.8
50559	19.6	18.7	17.1	17.7	16.6
50560	18.5	19.4	19.6	16.3	15.8
n	10	10	10	10	10
Mean	17.32	17.71	16.32	16.01	15.26
S.D.	1.34	1.58	1.88	1.07	0.83

Food consumption
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Polyoxymethylene 200 mg/kg
Unit : g Species : Rat

Animal No.	/Day 4	7	14	21	28
50651	16.2	13.6	13.9	14.9	15.8
50652	14.7	16.4	15.7	15.2	14.2
50653	14.8	16.4	15.1	15.5	15.9
50654	14.4	14.4	16.1	15.3	16.3
50655	14.1	14.6	15.3	15.2	15.0
50656	16.2	15.1	15.3	18.0	18.2
50657	14.5	14.6	15.5	15.8	15.5
50658	13.4	16.7	14.9	14.5	16.9
50659	13.7	15.5	15.4	15.0	13.6
50660	15.5	18.7	20.3	18.2	15.1
n	10	10	10	10	10
Mean	14.75	15.60	15.75	15.76	15.65
S.D.	0.96	1.48	1.70	1.28	1.32

Food consumption
Sex : Male
Period : Recovery Day 1-14
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
10105	26.0	27.4
10106	25.8	23.7
10108	29.8	35.0
10109	26.3	28.8
10111	28.9	29.4
n	5	5
Mean	27.36	28.86
S.D.	1.85	4.09

Food consumption
Sex : Male
Period : Recovery Day 1-14
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
10403	26.7	27.8
10404	30.7	29.7
10405	30.7	31.4
10409	28.7	29.1
10412	28.9	31.1
n	5	5
Mean	29.14	29.82
S.D.	1.66	1.48

Food consumption
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Polyoxymethylene 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
50556	16.8	20.1
50557	20.0	21.4
50558	18.4	19.7
50559	20.2	20.6
50560	22.2	21.5
n	5	5
Mean	19.52	20.66
S.D.	2.03	0.79

Food consumption
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Polyoxymethylene 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
50656	23.5	24.8
50657	20.4	22.3
50658	19.7	20.7
50659	17.0	19.1
50660	20.2	21.7
n	5	5
Mean	20.16	21.72
S.D.	2.31	2.11

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10105	8.5	-	-	0.1	-	-	A	+
10106	8.5	-	-	0.1	-	-	A	+
10108	8.5	-	-	0.1	-	-	A	+
10109	8.5	-	-	0.1	-	-	A	2+
10111	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10105	6.0
10106	5.5
10108	18.0
10109	6.5
10111	7.5
n	5
Mean	8.70
S.D.	5.25

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10105	5	-	-	-	-	-	-
10106	5	-	-	-	-	-	-
10108	3	-	-	-	-	-	-
10109	5	-	-	-	-	-	-
10111	5	-	-	±	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10201	8.5	-	-	0.1	-	-	A	+
10208	8.0	-	-	0.1	-	-	A	+
10210	8.0	-	-	0.1	-	-	A	±
10211	8.5	-	-	0.1	-	±	A	±
10212	8.5	-	-	0.1	-	-	A	2+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10201	7.0
10208	9.5
10210	42.0
10211	9.0
10212	6.5
n	5
Mean	14.80
S.D.	15.26

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10201	5	-	-	-	-	-	-
10208	5	-	-	±	-	-	-
10210	2	-	-	-	-	-	-
10211	5	-	-	-	-	-	-
10212	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10302	8.5	-	-	0.1	-	-	A	±
10305	8.0	-	-	0.1	-	-	A	2+
10307	8.5	-	-	0.1	-	-	A	±
10310	8.5	-	-	0.1	-	-	A	±
10312	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10302	11.0
10305	6.5
10307	7.0
10310	12.0
10312	17.0
n	5
Mean	10.70
S.D.	4.27

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10302	4	-	-	-	-	-	-
10305	5	-	-	-	-	-	-
10307	5	-	-	-	-	-	-
10310	4	-	-	-	-	-	-
10312	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10403	8.5	-	-	0.1	-	-	A	±
10404	8.5	-	-	0.1	-	-	A	±
10405	7.0	-	-	0.1	-	-	A	+
10409	8.5	-	-	0.1	-	-	A	±
10412	8.0	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10403	9.5
10404	15.0
10405	5.0
10409	16.0
10412	10.5
n	5
Mean	11.20
S.D.	4.45

Urinary findings
Sex : Male
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10403	4	-	-	-	-	-	-
10404	4	-	-	-	-	-	-
10405	5	-	-	-	-	-	-
10409	4	-	-	-	-	-	-
10412	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings Stage : Week 4
Sex : Female (satellite) Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	6.5	-	-	0.1	-	-	A	+
50557	8.0	-	-	0.1	-	-	A	±
50558	6.5	-	-	0.1	-	-	A	+
50559	8.0	-	-	0.1	-	-	A	+
50560	7.0	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	9.0
50557	20.5
50558	7.5
50559	7.0
50560	9.5
n	5
Mean	10.70
S.D.	5.57

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50556	4	-	-	-	-	-	-
50557	3	-	-	-	-	-	-
50558	4	-	-	-	-	-	-
50559	5	-	-	-	-	-	-
50560	3	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	8.5	-	-	0.1	-	-	A	+
50657	8.5	-	-	0.1	-	-	A	2+
50658	8.0	-	-	0.1	-	±	A	+
50659	7.0	-	-	0.1	-	-	A	+
50660	8.5	-	-	0.1	-	-	A	-
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	6.0
50657	7.0
50658	14.5
50659	3.5
50660	2.5
n	5
Mean	6.70
S.D.	4.72

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50656	5	-	-	-	-	-	-
50657	5	-	-	±	-	-	-
50658	3	-	-	±	-	-	-
50659	5	-	-	-	-	-	-
50660	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Recovery week 2
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10105	8.5	-	-	0.1	-	-	A	+
10106	8.5	-	-	0.1	-	-	A	-
10108	8.5	-	-	0.1	-	-	A	2+
10109	8.5	-	-	0.1	-	-	A	2+
10111	8.5	-	-	0.1	-	-	A	2+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10105	9.0
10106	8.5
10108	24.5
10109	10.5
10111	8.5
n	5
Mean	12.20
S.D.	6.92

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10105	5	-	-	-	-	-	-
10106	5	-	-	-	-	-	-
10108	3	-	-	-	-	-	-
10109	5	-	-	-	-	-	-
10111	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Recovery week 2
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10403	8.5	-	-	0.1	-	-	A	+
10404	8.5	-	-	0.1	-	-	A	-
10405	8.5	-	-	0.1	-	-	A	-
10409	8.5	-	-	0.1	-	-	A	±
10412	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10403	9.5
10404	29.5
10405	12.5
10409	16.5
10412	13.0
n	5
Mean	16.20
S.D.	7.84

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10403	5	-	-	-	-	-	-
10404	3	-	-	-	-	-	-
10405	5	-	-	-	-	-	-
10409	4	-	-	±	-	-	-
10412	5	-	-	±	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.5	-	-	0.1	-	-	A	2+
50557	8.0	-	-	0.1	-	±	A	+
50558	8.0	-	-	0.1	-	-	A	2+
50559	8.5	-	-	0.1	-	-	A	2+
50560	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	12.0
50557	13.0
50558	4.5
50559	6.5
50560	14.0
n	5
Mean	10.00
S.D.	4.23

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50556	4	-	-	-	-	-	-
50557	3	-	-	-	-	-	-
50558	5	-	-	-	-	-	-
50559	5	-	-	-	-	-	-
50560	3	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	8.5	-	-	0.1	-	-	A	+
50657	8.5	-	-	0.1	-	-	A	2+
50658	8.5	-	-	0.1	-	+	A	-
50659	7.5	-	-	0.1	-	-	A	2+
50660	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	10.0
50657	14.5
50658	26.0
50659	8.5
50660	9.0
n	5
Mean	13.60
S.D.	7.33

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50656	5	-	-	-	-	-	-
50657	4	-	-	-	-	-	-
50658	2	-	-	-	-	-	-
50659	4	-	-	±	-	-	-
50660	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Hematological findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10101	878	15.4	43.1	49.1	17.5	35.7	3.49	109.2	103.2	15.8	82.3
10102	850	14.8	41.5	48.8	17.4	35.7	3.30	109.5	84.6	12.4	67.8
10103	877	15.6	43.1	49.1	17.8	36.2	3.39	116.7	92.4	21.9	64.6
10104	910	16.3	46.0	50.5	17.9	35.4	4.08	109.0	100.0	25.1	66.0
10107	901	15.9	44.7	49.6	17.6	35.6	3.05	83.1	56.9	14.2	40.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	883.2	15.60	43.68	49.42	17.64	35.72	3.462	105.50	87.42	17.88	64.24
S.D.	23.5	0.56	1.72	0.67	0.21	0.29	0.382	12.93	18.52	5.39	15.05

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10101	3.8	1.2	0.1	18.4	20.3
10102	3.0	1.3	0.1	18.6	18.7
10103	4.5	1.4	0.0	17.5	18.5
10104	7.2	1.7	0.0	17.7	17.4
10107	1.5	0.7	0.0	16.7	18.6
n	5	5	5	5	5
Mean	4.00	1.26	0.04	17.78	18.70
S.D.	2.11	0.36	0.05	0.76	1.04

Hematological findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL	Lymphocyte 10^2/μL
10202	889	14.9	41.3	46.5	16.8	36.1	3.51	114.5	99.9	13.2	80.4
10203	880	15.8	44.3	50.3	18.0	35.7	3.47	86.7	51.5	10.1	37.8
10204	872	15.0	41.7	47.8	17.2	36.0	3.30	93.9	78.4	13.3	60.0
10205	936	16.0	45.2	48.3	17.1	35.4	3.34	84.3	69.1	21.9	42.9
10206	861	16.0	44.9	52.1	18.6	35.6	3.40	101.2	68.6	8.4	55.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	887.6	15.54	43.48	49.00	17.54	35.76	3.404	96.12	73.50	13.38	55.34
S.D.	29.0	0.55	1.84	2.21	0.74	0.29	0.087	12.22	17.67	5.20	16.67

Animal No.	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
10202	4.7	1.5	0.1	22.1	20.8
10203	2.7	0.9	0.0	20.4	20.9
10204	4.0	1.1	0.0	21.6	20.7
10205	3.4	0.9	0.0	21.5	21.1
10206	3.6	1.0	0.0	16.9	21.1
n	5	5	5	5	5
Mean	3.68	1.08	0.02	20.50	20.92
S.D.	0.74	0.25	0.04	2.11	0.18

Hematological findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10301	807	14.7	40.7	50.4	18.2	36.1	3.93	102.2	93.8	22.8	65.7
10303	834	15.5	42.6	51.1	18.6	36.4	3.04	120.7	90.5	19.6	64.4
10304	914	16.3	45.4	49.7	17.8	35.9	2.96	92.3	78.4	24.4	47.5
10306	919	15.9	44.1	48.0	17.3	36.1	3.11	99.5	105.3	19.9	81.7
10308	888	15.5	42.8	48.2	17.5	36.2	3.46	96.0	83.2	18.8	59.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	872.4	15.58	43.12	49.48	17.88	36.14	3.300	102.14	90.24	21.10	63.80
S.D.	49.7	0.59	1.76	1.36	0.53	0.18	0.401	11.02	10.36	2.39	12.32

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10301	4.1	1.2	0.0	16.0	18.4
10303	4.9	1.6	0.0	18.6	19.5
10304	5.5	1.0	0.0	26.5	22.4
10306	2.1	1.6	0.0	16.0	17.4
10308	4.0	0.7	0.0	15.7	17.1
n	5	5	5	5	5
Mean	4.12	1.22	0.00	18.56	18.96
S.D.	1.29	0.39	0.00	4.59	2.14

Hematological findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10401	865	15.8	44.3	51.2	18.3	35.7	3.68	126.0	112.1	33.0	72.4
10402	836	15.4	43.9	52.5	18.4	35.1	4.00	116.3	86.4	26.8	55.6
10406	850	15.3	43.9	51.6	18.0	34.9	4.88	107.5	87.7	21.8	60.7
10407	830	14.5	40.5	48.8	17.5	35.8	3.72	123.1	111.2	39.4	63.5
10408	859	15.6	43.0	50.1	18.2	36.3	4.68	136.8	156.9	33.4	114.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	848.0	15.32	43.12	50.84	18.08	35.56	4.192	121.94	110.86	30.88	73.40
S.D.	14.8	0.50	1.54	1.43	0.36	0.56	0.555	10.94	28.53	6.76	23.93

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10401	4.9	1.8	0.0	16.3	15.2
10402	3.2	0.7	0.1	18.4	17.4
10406	4.0	1.2	0.0	19.4	17.2
10407	7.4	0.8	0.1	21.5	19.9
10408	7.0	1.6	0.1	19.9	21.0
n	5	5	5	5	5
Mean	5.30	1.22	0.06	19.10	18.14
S.D.	1.84	0.48	0.05	1.92	2.31

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50152	771	14.4	39.8	51.6	18.7	36.2	5.16	108.1	120.8	57.1	55.6
50155	782	15.3	41.9	53.6	19.6	36.5	6.20	115.3	107.6	64.4	41.4
50156	777	15.9	43.1	55.5	20.5	36.9	4.67	100.2	75.0	31.0	39.2
50159	764	15.2	43.8	57.3	19.9	34.7	3.67	87.0	77.2	36.0	35.9
50162	735	14.2	39.3	53.5	19.3	36.1	4.04	100.0	66.6	27.7	34.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	765.8	15.00	41.58	54.30	19.60	36.08	4.748	102.12	89.44	43.24	41.34
S.D.	18.5	0.70	1.98	2.17	0.67	0.83	0.993	10.56	23.42	16.46	8.41

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50152	6.7	1.4	0.0	16.6	15.6
50155	1.1	0.6	0.1	16.0	14.9
50156	4.2	0.6	0.0	15.6	15.5
50159	5.0	0.3	0.0	16.6	13.9
50162	3.8	0.5	0.0	16.7	13.2
n	5	5	5	5	5
Mean	4.16	0.68	0.02	16.30	14.62
S.D.	2.04	0.42	0.04	0.48	1.04

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50252	784	15.0	41.1	52.4	19.1	36.5	4.21	111.5	120.8	62.6	52.8
50253	836	15.9	43.2	51.7	19.0	36.8	4.02	138.4	100.2	40.7	51.4
50256	794	15.1	41.7	52.5	19.0	36.2	3.62	115.3	108.4	62.7	42.0
50257	767	14.7	40.9	53.3	19.2	35.9	3.41	127.4	113.7	51.7	52.2
50259	771	15.3	42.6	55.3	19.8	35.9	4.67	107.1	67.1	38.7	26.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	790.4	15.20	41.90	53.04	19.22	36.26	3.986	119.94	102.04	51.28	45.02
S.D.	27.6	0.45	0.98	1.38	0.33	0.39	0.496	12.79	20.93	11.50	11.15

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50252	4.9	0.5	0.0	16.3	12.5
50253	7.0	1.1	0.0	15.7	14.4
50256	2.7	0.9	0.1	17.0	15.5
50257	9.2	0.6	0.0	15.9	14.8
50259	1.4	0.3	0.0	15.8	13.8
n	5	5	5	5	5
Mean	5.04	0.68	0.02	16.14	14.20
S.D.	3.16	0.32	0.04	0.53	1.13

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50351	792	14.9	41.0	51.8	18.8	36.3	2.97	101.2	99.9	37.7	57.8
50353	755	14.9	42.0	55.6	19.7	35.5	4.06	98.2	92.1	40.8	45.9
50354	735	14.8	40.2	54.7	20.1	36.8	4.01	90.4	111.9	56.2	50.1
50356	783	15.4	43.0	54.9	19.7	35.8	3.80	84.9	68.6	45.4	19.8
50360	722	14.3	39.7	55.0	19.8	36.0	4.11	101.7	100.9	42.3	51.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	757.4	14.86	41.18	54.40	19.62	36.08	3.790	95.28	94.68	44.48	45.06
S.D.	30.1	0.39	1.34	1.49	0.49	0.50	0.473	7.35	16.20	7.11	14.75

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50351	4.0	0.4	0.0	16.4	15.6
50353	4.4	1.0	0.0	16.2	14.0
50354	4.1	1.4	0.1	18.7	15.2
50356	2.9	0.5	0.0	15.7	16.2
50360	5.5	1.4	0.0	16.3	15.3
n	5	5	5	5	5
Mean	4.18	0.94	0.02	16.66	15.26
S.D.	0.93	0.48	0.04	1.17	0.80

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50451	759	15.1	41.4	54.5	19.9	36.5	3.64	115.7	91.2	41.4	46.3
50452	734	14.7	40.4	55.0	20.0	36.4	3.98	109.2	91.8	37.3	50.9
50456	757	15.2	43.0	56.8	20.1	35.3	3.68	92.8	105.6	40.8	57.2
50458	838	14.9	42.2	50.4	17.8	35.3	4.45	114.1	110.1	45.0	55.6
50459	732	13.3	38.6	52.7	18.2	34.5	5.92	110.6	61.2	31.6	28.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	764.0	14.64	41.12	53.88	19.20	35.60	4.334	108.48	91.98	39.22	47.62
S.D.	43.2	0.77	1.71	2.43	1.11	0.84	0.944	9.15	19.12	5.06	11.72

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50451	3.2	0.2	0.1	16.0	12.7
50452	3.0	0.6	0.0	17.1	14.3
50456	6.8	0.7	0.1	16.3	15.2
50458	7.6	1.8	0.1	16.2	13.8
50459	0.3	1.2	0.0	15.9	15.5
n	5	5	5	5	5
Mean	4.18	0.90	0.06	16.30	14.30
S.D.	3.00	0.62	0.05	0.47	1.12

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50551	793	14.5	40.6	51.2	18.3	35.7	3.25	99.6	37.6	9.2	26.9
50552	899	16.4	45.7	50.8	18.2	35.9	2.60	106.4	58.1	6.5	49.1
50553	871	15.5	42.9	49.3	17.8	36.1	2.61	96.5	38.6	8.1	28.6
50554	892	15.9	43.7	49.0	17.8	36.4	2.68	109.2	86.8	16.6	67.4
50555	825	15.2	42.8	51.9	18.4	35.5	1.68	117.6	50.7	7.7	40.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	856.0	15.50	43.14	50.44	18.10	35.92	2.564	105.86	54.36	9.62	42.44
S.D.	45.6	0.72	1.84	1.25	0.28	0.35	0.563	8.31	20.06	4.02	16.62

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50551	0.8	0.7	0.0	15.7	16.7
50552	1.7	0.8	0.0	14.9	15.8
50553	1.3	0.6	0.0	14.9	13.7
50554	1.7	1.1	0.0	16.1	12.2
50555	1.6	1.2	0.0	15.5	14.6
n	5	5	5	5	5
Mean	1.42	0.88	0.00	15.42	14.60
S.D.	0.38	0.26	0.00	0.52	1.76

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50651	762	14.2	39.8	52.2	18.6	35.7	3.70	92.8	39.1	15.6	22.0
50652	760	14.4	40.4	53.2	18.9	35.6	2.46	117.9	83.7	19.7	61.3
50653	755	14.2	39.6	52.5	18.8	35.9	3.70	111.5	108.3	25.7	78.0
50654	796	15.2	42.6	53.5	19.1	35.7	3.63	109.3	53.0	12.8	37.9
50655	864	15.4	43.1	49.9	17.8	35.7	3.14	99.5	69.5	17.8	48.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	787.4	14.68	41.10	52.26	18.64	35.72	3.326	106.20	70.72	18.32	49.52
S.D.	45.8	0.58	1.63	1.42	0.50	0.11	0.538	9.99	26.91	4.86	21.47

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50651	1.1	0.4	0.0	15.4	13.8
50652	1.8	0.9	0.0	15.5	13.3
50653	3.0	1.6	0.0	14.7	12.3
50654	1.4	0.9	0.0	16.2	13.2
50655	2.4	0.8	0.1	15.2	13.6
n	5	5	5	5	5
Mean	1.94	0.92	0.02	15.40	13.24
S.D.	0.77	0.43	0.04	0.54	0.58

Hematological findings
Sex : Male

Stage : Recovery day 15
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10105	839	14.8	41.5	49.5	17.6	35.7	3.27	89.0	55.6	8.5	43.8
10106	931	16.7	46.3	49.7	17.9	36.1	2.37	130.5	93.8	18.5	68.5
10108	849	15.1	41.4	48.8	17.8	36.5	2.78	83.5	61.8	8.4	48.5
10109	859	15.9	45.0	52.4	18.5	35.3	3.56	83.0	62.0	12.6	44.1
10111	839	14.7	41.1	49.0	17.5	35.8	3.68	111.3	68.0	12.9	50.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	863.4	15.44	43.06	49.88	17.86	35.88	3.132	99.46	68.24	12.18	51.14
S.D.	38.7	0.85	2.41	1.45	0.39	0.45	0.549	20.85	14.95	4.14	10.15

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10105	2.4	0.9	0.0	24.8	18.1
10106	5.0	1.7	0.1	17.5	17.5
10108	3.4	1.5	0.0	18.4	18.6
10109	4.2	1.1	0.0	18.3	19.4
10111	3.4	0.9	0.0	16.6	17.8
n	5	5	5	5	5
Mean	3.68	1.22	0.02	19.12	18.28
S.D.	0.98	0.36	0.04	3.26	0.75

Hematological findings
Sex : Male

Stage : Recovery day 15
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10403	932	15.7	43.3	46.5	16.8	36.3	2.78	116.8	139.4	28.4	102.6
10404	896	15.4	42.7	47.7	17.2	36.1	2.28	95.2	60.6	13.8	42.1
10405	828	15.8	44.7	54.0	19.1	35.3	3.23	113.5	78.7	11.8	60.6
10409	898	15.6	44.2	49.2	17.4	35.3	2.25	90.2	83.5	13.6	65.2
10412	900	16.0	45.8	50.9	17.8	34.9	2.57	102.4	74.1	8.6	59.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	890.8	15.70	44.14	49.66	17.66	35.58	2.622	103.62	87.26	15.24	66.02
S.D.	38.1	0.22	1.21	2.93	0.88	0.59	0.404	11.44	30.37	7.65	22.26

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10403	6.1	2.2	0.1	19.5	21.3
10404	3.0	1.7	0.0	21.4	20.1
10405	4.9	1.3	0.1	18.4	17.9
10409	3.3	1.4	0.0	20.0	19.5
10412	4.7	1.2	0.0	22.3	19.9
n	5	5	5	5	5
Mean	4.40	1.56	0.04	20.32	19.74
S.D.	1.26	0.40	0.05	1.54	1.23

Hematological findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50556	831	15.5	43.1	51.9	18.7	36.0	3.74	97.1	54.6	9.2	42.3
50557	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50558	785	14.8	41.5	52.9	18.9	35.7	2.78	94.6	83.1	15.4	63.0
50559	832	16.1	44.7	53.7	19.4	36.0	3.00	88.7	61.2	12.8	43.8
50560	858	16.0	45.3	52.8	18.6	35.3	3.16	92.6	45.7	13.8	29.2
n	4	4	4	4	4	4	4	4	4	4	4
Mean	826.5	15.60	43.65	52.83	18.90	35.75	3.170	93.25	61.15	12.80	44.58
S.D.	30.4	0.59	1.71	0.74	0.36	0.33	0.411	3.55	15.95	2.63	13.92

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50556	2.6	0.5	0.0	15.9	13.2
50557	ND	ND	ND	ND	ND
50558	3.3	1.4	0.0	16.0	13.9
50559	3.2	1.4	0.0	16.6	15.8
50560	1.7	1.0	0.0	15.9	14.6
n	4	4	4	4	4
Mean	2.70	1.08	0.00	16.10	14.38
S.D.	0.73	0.43	0.00	0.34	1.11

ND: Data not determined because sampling failed

Hematological findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50656	833	15.6	43.4	52.1	18.7	35.9	2.84	86.5	65.8	10.6	50.4
50657	790	15.9	45.0	57.0	20.1	35.3	3.26	115.7	45.2	6.4	34.8
50658	823	15.5	43.6	53.0	18.8	35.6	3.10	112.4	52.6	13.7	35.8
50659	838	15.4	44.3	52.9	18.4	34.8	2.85	90.5	54.1	6.5	44.3
50660	871	15.3	42.5	48.8	17.6	36.0	4.18	109.4	66.6	9.8	53.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	831.0	15.54	43.76	52.76	18.72	35.52	3.246	102.90	56.86	9.40	43.68
S.D.	29.1	0.23	0.94	2.92	0.90	0.49	0.551	13.41	9.17	3.06	8.29

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50656	3.8	1.0	0.0	16.2	13.4
50657	2.9	1.1	0.0	17.5	14.1
50658	2.2	0.9	0.0	15.1	15.7
50659	2.5	0.8	0.0	16.9	13.7
50660	2.1	1.6	0.0	16.3	14.3
n	5	5	5	5	5
Mean	2.70	1.08	0.00	16.40	14.24
S.D.	0.69	0.31	0.00	0.89	0.89

Biochemical findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10101	64	32	398	0.3	0.08	11.6	197	47	29	5.5	10.5
10102	63	61	458	0.6	0.06	26.6	149	51	15	5.2	11.4
10103	62	25	481	0.4	0.05	19.5	161	54	47	5.5	8.6
10104	73	29	420	0.5	0.08	9.0	161	62	32	5.8	12.9
10107	61	29	309	0.4	0.07	27.8	155	48	17	5.3	12.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	64.6	35.2	413.2	0.44	0.068	18.90	164.6	52.4	28.0	5.46	11.14
S.D.	4.8	14.6	66.6	0.11	0.013	8.52	18.8	6.0	12.9	0.23	1.69

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10101	0.31	144	4.36	104	9.5	5.6	0.86	2.54	46.1	26.5	7.8
10102	0.34	145	4.62	104	9.3	6.4	1.05	2.66	51.2	20.5	8.8
10103	0.34	144	4.77	104	9.2	5.7	0.86	2.54	46.1	24.8	8.3
10104	0.28	144	4.65	103	9.6	7.1	0.85	2.67	46.0	19.8	9.3
10107	0.26	144	4.60	104	9.3	6.8	0.80	2.35	44.4	23.9	9.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.306	144.2	4.600	103.8	9.38	6.32	0.884	2.552	46.76	23.10	8.72
S.D.	0.036	0.4	0.149	0.4	0.16	0.66	0.096	0.129	2.59	2.86	0.68

Animal No.	β-G %	γ-G %
10101	15.6	4.0
10102	16.1	3.4
10103	16.1	4.7
10104	17.8	7.1
10107	16.9	5.4
n	5	5
Mean	16.50	4.92
S.D.	0.86	1.43

Biochemical findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10202	57	23	311	0.3	0.07	7.0	231	42	74	5.3	9.9
10203	63	23	283	0.5	0.06	13.3	162	53	18	5.3	11.4
10204	65	27	589	0.5	0.06	7.7	136	42	12	5.5	9.0
10205	63	30	591	0.6	0.06	21.5	146	38	19	5.3	11.9
10206	69	29	486	0.4	0.07	20.2	138	64	23	5.3	11.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	63.4	26.4	452.0	0.46	0.064	13.94	162.6	47.8	29.2	5.34	10.76
S.D.	4.3	3.3	148.1	0.11	0.005	6.78	39.6	10.6	25.4	0.09	1.25

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10202	0.25	143	4.38	102	9.3	5.9	0.89	2.50	47.1	23.8	8.4
10203	0.30	144	4.45	105	8.8	6.0	0.90	2.51	47.3	21.2	8.9
10204	0.29	145	4.58	105	9.2	6.2	0.94	2.66	48.4	18.4	10.2
10205	0.28	146	4.58	105	9.1	6.9	0.97	2.61	49.2	17.8	10.0
10206	0.31	145	4.54	105	9.4	6.7	0.82	2.39	45.0	24.9	10.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.286	144.6	4.506	104.4	9.16	6.34	0.904	2.534	47.40	21.22	9.60
S.D.	0.023	1.1	0.088	1.3	0.23	0.44	0.057	0.105	1.59	3.16	0.90

Animal No.	β-G %	γ-G %
10202	16.8	3.9
10203	16.4	6.2
10204	16.5	6.5
10205	16.3	6.7
10206	15.2	4.4
n	5	5
Mean	16.24	5.54
S.D.	0.61	1.29

Biochemical findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10301	125	61	400	0.2	0.10	45.4	161	63	25	5.5	12.5
10303	84	38	390	0.5	0.06	26.6	154	52	32	5.4	11.4
10304	64	32	395	0.3	0.06	4.2	132	39	27	5.3	11.2
10306	88	36	324	0.5	0.06	20.1	146	56	14	5.5	11.7
10308	60	26	320	0.3	0.10	19.6	169	76	44	5.3	10.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	84.2	38.6	365.8	0.36	0.076	23.18	152.4	57.2	28.4	5.40	11.42
S.D.	25.8	13.3	40.2	0.13	0.022	14.90	14.2	13.7	10.9	0.10	0.80

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10301	0.32	144	4.70	102	9.7	6.9	0.73	2.33	42.3	25.8	10.5
10303	0.38	144	4.39	104	8.9	5.8	0.88	2.52	46.7	25.4	7.9
10304	0.32	145	4.52	105	9.0	6.5	0.90	2.51	47.4	20.7	10.1
10306	0.28	145	4.13	105	9.0	6.1	0.89	2.59	47.0	21.4	9.4
10308	0.30	144	4.70	105	9.6	6.3	0.98	2.62	49.4	23.0	8.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.320	144.4	4.488	104.2	9.24	6.32	0.876	2.514	46.56	23.26	9.24
S.D.	0.037	0.5	0.239	1.3	0.38	0.41	0.091	0.113	2.60	2.30	1.12

Animal No.	β-G %	γ-G %
10301	18.6	2.8
10303	14.4	5.6
10304	15.6	6.2
10306	16.5	5.7
10308	15.3	4.0
n	5	5
Mean	16.08	4.86
S.D.	1.60	1.42

Biochemical findings Stage : Day 29
Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10401	85	53	406	0.3	0.06	11.0	135	57	66	4.9	13.2
10402	63	27	324	0.4	0.05	12.2	140	59	18	5.2	12.5
10406	93	41	306	0.6	0.06	41.4	137	46	43	4.9	12.6
10407	75	37	347	0.4	0.05	37.1	136	55	50	4.9	14.1
10408	52	23	562	0.3	0.06	10.2	126	61	23	5.3	12.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	73.6	36.2	389.0	0.40	0.056	22.38	134.8	55.6	40.0	5.04	12.94
S.D.	16.5	11.9	103.8	0.12	0.005	15.49	5.3	5.8	19.7	0.19	0.73

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10401	0.37	144	4.53	104	9.1	6.0	1.00	2.45	50.1	21.5	8.6
10402	0.32	145	4.64	104	8.9	5.9	0.85	2.38	45.8	23.3	9.5
10406	0.32	145	4.55	104	8.9	6.2	0.85	2.25	46.0	21.7	10.8
10407	0.28	144	4.81	101	9.2	6.3	0.78	2.14	43.7	21.4	11.3
10408	0.31	144	4.81	105	9.4	6.5	0.89	2.50	47.2	24.2	8.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.320	144.4	4.668	103.6	9.10	6.18	0.874	2.344	46.56	22.42	9.78
S.D.	0.032	0.5	0.136	1.5	0.21	0.24	0.081	0.148	2.35	1.26	1.22

Animal No.	β-G %	γ-G %
10401	17.1	2.7
10402	16.4	5.0
10406	18.7	2.8
10407	19.6	4.0
10408	14.9	5.0
n	5	5
Mean	17.34	3.90
S.D.	1.86	1.13

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50152	116	78	234	0.6	0.06	26.3	173	114	42	5.9	28.7
50155	232	114	638	1.0	0.04	32.4	133	119	114	5.9	36.6
50156	90	58	613	1.0	0.08	14.0	167	86	113	5.3	17.1
50159	146	85	309	1.1	0.05	58.6	141	89	78	5.8	19.4
50162	93	56	287	0.5	0.05	32.6	147	104	65	5.4	20.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	135.4	78.2	416.2	0.84	0.056	32.78	152.2	102.4	82.4	5.66	24.40
S.D.	58.5	23.6	193.2	0.27	0.015	16.29	17.1	14.7	31.2	0.29	8.11

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50152	0.35	139	4.23	101	9.4	6.8	0.97	2.90	49.2	20.7	10.6
50155	0.55	134	6.10	94	10.8	14.1	0.81	2.63	44.6	23.6	11.1
50156	0.35	141	3.58	100	8.9	6.4	1.09	2.77	52.2	17.1	10.8
50159	0.32	142	4.03	99	10.4	8.8	0.93	2.80	48.3	22.2	11.4
50162	0.38	141	4.16	102	9.2	7.5	1.06	2.78	51.5	15.0	11.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.390	139.4	4.420	99.2	9.74	8.72	0.972	2.776	49.16	19.72	11.12
S.D.	0.092	3.2	0.973	3.1	0.82	3.14	0.111	0.097	3.01	3.58	0.44

Animal No.	β-G %	γ-G %
50152	16.2	3.3
50155	17.6	3.1
50156	15.9	4.0
50159	15.9	2.2
50162	17.9	3.9
n	5	5
Mean	16.70	3.30
S.D.	0.97	0.72

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50252	136	70	549	0.9	0.06	16.0	159	94	88	5.8	44.2
50253	108	67	337	0.6	0.05	15.3	144	84	140	5.7	24.4
50256	251	90	496	4.7	0.06	24.8	131	107	63	6.0	27.1
50257	110	57	651	0.9	0.07	70.6	148	113	90	6.3	20.2
50259	174	128	467	0.9	0.04	45.5	180	114	170	6.4	33.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	155.8	82.4	500.0	1.60	0.056	34.44	152.4	102.4	110.2	6.04	29.92
S.D.	59.5	28.2	115.0	1.74	0.011	23.61	18.4	13.0	43.6	0.30	9.37

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50252	0.59	137	4.15	96	10.1	10.6	0.97	2.86	49.3	19.6	11.2
50253	0.43	140	3.64	97	9.6	7.9	0.94	2.76	48.4	22.1	9.6
50256	0.43	140	4.34	96	10.3	9.3	1.00	2.99	49.9	18.6	12.6
50257	0.34	140	4.74	99	9.9	8.5	1.05	3.22	51.1	20.8	10.1
50259	0.43	137	5.19	94	10.6	10.4	0.96	3.14	49.0	19.5	11.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.444	138.8	4.412	96.4	10.10	9.34	0.984	2.994	49.54	20.12	10.98
S.D.	0.090	1.6	0.588	1.8	0.38	1.17	0.043	0.190	1.03	1.36	1.18

Animal No.	β-G %	γ-G %
50252	16.3	3.6
50253	15.7	4.2
50256	15.5	3.4
50257	15.5	2.5
50259	16.3	3.8
n	5	5
Mean	15.86	3.50
S.D.	0.41	0.63

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50351	93	52	556	0.3	0.05	22.2	141	102	108	5.8	20.3
50353	88	60	302	0.8	0.04	22.0	154	112	104	5.4	17.3
50354	138	77	504	0.5	0.06	15.0	148	90	57	5.6	27.3
50356	254	89	324	0.8	0.04	13.9	180	92	81	5.6	24.6
50360	82	53	513	1.0	0.07	40.1	138	103	79	5.9	23.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	131.0	66.2	439.8	0.68	0.052	22.64	152.2	99.8	85.8	5.66	22.58
S.D.	72.2	16.2	117.7	0.28	0.013	10.49	16.7	9.0	20.8	0.19	3.88

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50351	0.40	140	4.43	99	10.0	7.0	0.96	2.85	49.1	22.5	9.7
50353	0.35	140	4.01	101	9.2	6.8	0.97	2.66	49.2	19.9	9.6
50354	0.38	140	3.60	97	9.2	8.0	0.95	2.72	48.6	16.1	13.7
50356	0.41	143	3.60	99	9.3	7.3	1.02	2.83	50.5	17.1	11.8
50360	0.45	140	3.87	98	9.7	8.9	0.96	2.90	49.1	22.9	10.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.398	140.6	3.902	98.8	9.48	7.60	0.972	2.792	49.30	19.70	11.00
S.D.	0.037	1.3	0.344	1.5	0.36	0.86	0.028	0.099	0.71	3.08	1.75

Animal No.	β-G %	γ-G %
50351	15.4	3.3
50353	17.2	4.1
50354	16.9	4.7
50356	16.3	4.3
50360	14.7	3.1
n	5	5
Mean	16.10	3.90
S.D.	1.04	0.68

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50451	152	89	656	0.6	0.06	18.0	146	97	57	5.7	22.9
50452	129	70	547	0.4	0.06	31.3	124	96	98	5.4	27.9
50456	114	57	229	0.6	0.03	13.6	125	90	44	6.2	18.3
50458	83	57	364	1.4	0.04	38.9	144	106	80	5.9	20.4
50459	188	91	297	0.4	0.04	14.7	117	111	50	6.0	38.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	133.2	72.8	418.6	0.68	0.046	23.30	131.2	100.0	65.8	5.84	25.64
S.D.	39.6	16.6	177.9	0.41	0.013	11.22	13.0	8.4	22.6	0.30	8.13

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50451	0.38	137	4.24	95	9.8	8.5	0.83	2.59	45.5	21.2	10.9
50452	0.44	140	4.52	97	9.6	7.6	0.92	2.59	48.0	19.0	11.6
50456	0.35	142	4.12	100	9.4	6.6	0.87	2.88	46.5	23.0	10.8
50458	0.32	141	4.30	101	10.0	7.9	0.87	2.74	46.5	20.4	10.5
50459	0.51	141	4.43	101	10.4	10.8	0.73	2.53	42.1	26.5	10.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.400	140.2	4.322	98.8	9.84	8.28	0.844	2.666	45.72	22.02	10.88
S.D.	0.076	1.9	0.157	2.7	0.38	1.57	0.071	0.143	2.21	2.89	0.43

Animal No.	β-G %	γ-G %
50451	18.8	3.6
50452	16.5	4.9
50456	16.0	3.7
50458	17.5	5.1
50459	18.6	2.2
n	5	5
Mean	17.48	3.90
S.D.	1.24	1.17

Biochemical findings
Sex : Female (satellite)
Stage : Day 29
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50551	71	28	139	0.6	0.05	13.9	177	77	7	6.3	13.7
50552	67	38	188	1.5	0.06	13.0	127	60	11	6.1	14.6
50553	58	19	182	1.1	0.06	9.5	146	57	7	5.5	11.2
50554	60	33	238	0.9	0.09	12.1	162	64	20	6.2	16.9
50555	95	63	169	0.9	0.04	13.9	130	58	8	6.1	13.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	70.2	36.2	183.2	1.00	0.060	12.48	148.4	63.2	10.6	6.04	14.06
S.D.	14.8	16.5	36.0	0.33	0.019	1.83	21.2	8.2	5.5	0.31	2.04

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50551	0.28	142	3.81	104	9.4	5.3	1.18	3.41	54.2	20.2	6.9
50552	0.37	141	4.49	105	9.6	5.2	1.16	3.28	53.8	18.9	7.4
50553	0.30	143	3.91	108	9.5	5.5	1.15	2.94	53.5	18.0	7.8
50554	0.32	143	4.19	105	10.1	6.3	1.12	3.27	52.8	17.3	7.9
50555	0.32	142	4.30	106	9.2	5.5	1.02	3.09	50.6	18.5	8.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.318	142.2	4.140	105.6	9.56	5.56	1.126	3.198	52.98	18.58	7.60
S.D.	0.033	0.8	0.279	1.5	0.34	0.43	0.063	0.184	1.43	1.08	0.45

Animal No.	β-G %	γ-G %
50551	14.1	4.6
50552	13.7	6.2
50553	15.0	5.7
50554	14.5	7.5
50555	14.8	8.1
n	5	5
Mean	14.42	6.42
S.D.	0.53	1.40

Biochemical findings
Sex : Female (satellite)

Stage : Day 29
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50651	52	20	133	1.4	0.07	8.1	124	60	12	4.9	17.2
50652	60	25	150	0.6	0.08	24.7	139	87	17	5.9	14.8
50653	60	22	195	0.6	0.06	24.8	109	62	18	5.5	13.9
50654	61	29	236	0.6	0.08	13.8	110	60	17	5.2	12.0
50655	46	21	104	1.0	0.06	14.9	139	62	37	5.9	11.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	55.8	23.4	163.6	0.84	0.070	17.26	124.2	66.2	20.2	5.48	13.84
S.D.	6.6	3.6	52.2	0.36	0.010	7.31	14.8	11.7	9.7	0.44	2.35

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50651	0.41	142	4.18	105	8.9	6.1	1.24	2.71	55.4	15.9	8.8
50652	0.33	142	4.01	104	9.4	5.1	1.31	3.35	56.8	18.8	7.1
50653	0.40	142	4.11	103	9.4	5.8	1.19	2.99	54.4	18.9	8.1
50654	0.34	142	4.09	105	9.0	6.2	1.19	2.82	54.3	14.6	9.5
50655	0.31	143	4.31	105	9.3	5.4	1.26	3.29	55.7	17.1	9.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.358	142.2	4.140	104.4	9.20	5.72	1.238	3.032	55.32	17.06	8.58
S.D.	0.044	0.4	0.113	0.9	0.23	0.47	0.051	0.282	1.03	1.86	1.00

Animal No.	β-G %	γ-G %
50651	16.1	3.8
50652	14.4	2.9
50653	15.6	3.0
50654	17.0	4.6
50655	14.2	3.6
n	5	5
Mean	15.46	3.58
S.D.	1.17	0.69

Biochemical findings
Sex : Male

Stage : Recovery day 15
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10105	81	39	446	0.5	0.05	11.5	178	30	62	5.0	16.7
10106	67	27	264	0.3	0.05	4.9	142	52	31	5.7	15.3
10108	73	28	356	0.4	0.06	12.8	169	40	24	5.1	14.8
10109	69	33	288	0.4	0.06	7.9	147	76	24	5.6	16.0
10111	54	19	325	0.3	0.06	5.2	144	63	54	5.4	13.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	68.8	29.2	335.8	0.38	0.056	8.46	156.0	52.2	39.0	5.36	15.26
S.D.	9.9	7.4	70.9	0.08	0.005	3.59	16.4	18.2	17.8	0.30	1.22

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10105	0.34	142	4.87	104	9.2	6.4	0.97	2.46	49.2	22.3	8.7
10106	0.34	143	4.77	103	9.3	5.8	0.87	2.65	46.5	23.2	7.6
10108	0.35	144	4.34	103	9.0	5.9	0.90	2.42	47.4	24.5	8.5
10109	0.34	145	4.51	104	9.5	6.6	0.85	2.57	45.9	24.5	8.0
10111	0.32	145	5.08	104	9.1	6.5	0.83	2.45	45.4	24.8	8.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.338	143.8	4.714	103.6	9.22	6.24	0.884	2.510	46.88	23.86	8.28
S.D.	0.011	1.3	0.293	0.5	0.19	0.36	0.055	0.097	1.50	1.07	0.47

Animal No.	β-G %	γ-G %
10105	16.4	3.4
10106	16.5	6.2
10108	16.8	2.8
10109	16.4	5.2
10111	17.1	4.1
n	5	5
Mean	16.64	4.34
S.D.	0.30	1.37

Biochemical findings
Sex : Male

Stage : Recovery day 15
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10403	66	26	341	0.2	0.05	20.0	156	60	50	5.7	12.6
10404	79	30	397	0.3	0.05	9.1	116	45	7	5.3	16.0
10405	69	26	281	0.5	0.07	30.5	135	50	30	5.6	13.0
10409	56	26	346	0.2	0.06	8.0	167	49	50	5.3	16.9
10412	68	26	424	0.5	0.04	4.8	153	63	26	5.2	12.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	67.6	26.8	357.8	0.34	0.054	14.48	145.4	53.4	32.6	5.42	14.26
S.D.	8.2	1.8	55.3	0.15	0.011	10.63	20.1	7.7	18.1	0.22	2.03

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10403	0.29	144	4.75	102	9.4	6.6	0.94	2.76	48.5	25.1	7.2
10404	0.37	146	4.34	105	9.0	6.3	0.95	2.58	48.7	23.8	7.8
10405	0.32	145	4.69	104	9.3	6.6	0.86	2.59	46.2	24.6	7.6
10409	0.36	144	4.51	104	9.2	5.9	0.90	2.52	47.5	25.4	7.3
10412	0.25	144	4.64	105	9.3	6.6	0.90	2.46	47.4	20.2	10.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.318	144.6	4.586	104.0	9.24	6.40	0.910	2.582	47.66	23.82	8.06
S.D.	0.050	0.9	0.163	1.2	0.15	0.31	0.036	0.112	1.00	2.11	1.33

Animal No.	β-G %	γ-G %
10403	15.8	3.4
10404	15.4	4.3
10405	15.8	5.8
10409	15.6	4.2
10412	18.0	4.0
n	5	5
Mean	16.12	4.34
S.D.	1.06	0.89

Biochemical findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50556	51	18	119	0.4	0.08	16.1	163	59	20	5.8	14.1
50557	ND	36	265	0.6	0.12	18.2	ND	59	12	6.0	15.1
50558	61	29	154	0.4	0.06	10.3	138	71	24	5.7	19.7
50559	67	32	294	0.5	0.10	15.2	158	76	24	6.3	16.5
50560	58	24	170	0.4	0.07	8.7	152	75	13	6.2	16.7
n	4	5	5	5	5	5	4	5	5	5	5
Mean	59.3	27.8	200.4	0.46	0.086	13.70	152.8	68.0	18.6	6.00	16.42
S.D.	6.7	7.0	75.2	0.09	0.024	4.03	10.8	8.4	5.8	0.25	2.12

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50556	0.33	142	4.39	106	9.5	4.6	1.19	3.16	54.4	14.8	7.8
50557	0.33	142	6.38	108	9.6	6.3	1.01	3.01	50.2	16.3	10.6
50558	0.44	141	4.36	105	9.0	5.2	1.12	3.02	52.9	15.7	8.3
50559	0.36	143	4.48	105	9.7	5.2	1.09	3.29	52.2	20.6	7.7
50560	0.35	143	4.31	106	9.5	5.6	0.95	3.03	48.8	22.1	6.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.362	142.2	4.784	106.0	9.46	5.38	1.072	3.102	51.70	17.90	8.08
S.D.	0.045	0.8	0.894	1.2	0.27	0.63	0.094	0.122	2.22	3.24	1.65

Animal No.	β-G %	γ-G %
50556	16.4	6.6
50557	16.3	6.6
50558	15.6	7.5
50559	14.2	5.3
50560	14.4	8.7
n	5	5
Mean	15.38	6.94
S.D.	1.04	1.26

ND: Data not determined because sampling failed

Biochemical findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50656	56	26	127	0.5	0.06	17.8	136	82	18	6.0	16.9
50657	61	28	221	0.3	0.10	27.3	144	73	28	5.9	15.9
50658	67	30	110	0.3	0.11	15.8	146	96	14	6.6	15.0
50659	55	17	164	0.5	0.08	10.5	142	84	19	6.2	16.3
50660	62	24	271	0.7	0.12	12.1	170	73	17	6.0	15.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	60.2	25.0	178.6	0.46	0.094	16.70	147.6	81.6	19.2	6.14	15.86
S.D.	4.9	5.0	66.9	0.17	0.024	6.60	13.1	9.5	5.3	0.28	0.78

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50656	0.34	142	4.71	105	9.5	5.2	1.32	3.41	56.9	15.0	7.5
50657	0.35	144	4.34	104	9.3	5.9	1.40	3.45	58.4	15.6	7.3
50658	0.35	143	4.13	103	9.6	5.0	1.20	3.60	54.6	19.0	7.1
50659	0.40	143	4.20	106	9.4	5.1	1.17	3.34	53.9	17.3	7.4
50660	0.37	144	4.13	104	9.4	5.1	1.12	3.17	52.8	17.2	7.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.362	143.2	4.302	104.4	9.44	5.26	1.242	3.394	55.32	16.82	7.42
S.D.	0.024	0.8	0.244	1.1	0.11	0.36	0.115	0.157	2.28	1.58	0.26

Animal No.	β-G %	γ-G %
50656	15.2	5.4
50657	13.9	4.8
50658	13.7	5.6
50659	15.0	6.4
50660	15.2	7.0
n	5	5
Mean	14.60	5.84
S.D.	0.74	0.86

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10101	43.3
10102	42.2
10103	50.7
10104	51.1
10107	41.8
10110	40.8
10112	41.4
n	7
Mean	44.47
S.D.	4.46

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10201	49.4
10202	46.8
10203	49.8
10204	41.7
10205	38.8
10206	40.9
10207	54.6
10208	49.7
10209	42.2
10210	45.2
10211	49.1
10212	50.8
n	12
Mean	46.58
S.D.	4.81

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10301	46.4
10302	46.2
10303	45.8
10304	43.4
10305	51.0
10306	35.5
10307	51.6
10308	38.5
10309	47.8
10310	49.6
10311	41.7
10312	48.9
n	12
Mean	45.53
S.D.	4.96

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10401	54.1
10402	40.4
10406	39.2
10407	34.8
10408	45.4
10410	37.4
10411	42.9
n	7
Mean	42.03
S.D.	6.35

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10101
Finding absent :	Stomach, Other organs & tissues	
Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10102
Finding absent :	Stomach, Other organs & tissues	
Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10103
Finding absent :	Stomach, Other organs & tissues	
Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10104
Finding absent :	Stomach, Other organs & tissues	
Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10107
Finding absent :	Stomach, Other organs & tissues	
Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10110
Finding absent :	Stomach, Other organs & tissues	
Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10112
Finding absent :	Stomach, Other organs & tissues	

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10201	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10202	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10203	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10204	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10205	Infertility
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10206	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10207	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10208	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10209	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10210	
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10211	Infertility
Finding absent :	Stomach, Other organs & tissues		
Test article : Polyoxymethylene	Dose : 20 mg/kg	Animal No. : 10212	
Finding absent :	Stomach, Other organs & tissues		

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10301
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10302
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10303
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10304
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10305
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10306
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10307
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10308
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10309
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10310
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10311
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10312
Finding absent : Stomach, Other organs & tissues

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10401
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10402
Stomach
Findings : Finding present
Raised, white, focal, glandular stomach
Non-graded change

Finding absent : Other organs & tissues

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10406
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10407
Stomach
Findings : Finding present
Raised, white, focal, forestomach
Non-graded change
Raised, white, focal, glandular stomach
Non-graded change

Finding absent : Other organs & tissues

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10408
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10410
Finding absent : Stomach, Other organs & tissues

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10411
Finding absent : Stomach, Other organs & tissues

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50151
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50152
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50153
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50154
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50155
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50156
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50157
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50158
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50159
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50160
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50161

Stomach
Findings : Finding present
Black focus, multifocal, glandular stomach
Non-graded change

Finding absent : Kidney, Other organs & tissues

Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50162

Finding absent : Stomach, Kidney, Other organs & tissues

Estrous cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50251
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50252
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50253
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50254
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50255 Unsuccessful mating
Finding absent : All organs & tissues
Estrous cycle : Metestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50256
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50257
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50258
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50259
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50260
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50261 Non-pregnancy
Finding absent : All organs & tissues
Estrous cycle : Metestrus

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50262
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50351
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50352
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50353
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50354
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50355
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50356
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50357
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50358
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50359
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50360
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50361

Kidney
Findings : Finding present
Large size, unilateral
Non-graded change
Finding Comment : unilateral : left

Finding absent : Stomach, Other organs & tissues

Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50362

Finding absent : Stomach, Kidney, Other organs & tissues

Estrous cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50451
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50452
Stomach
Findings : Finding present
Black focus, multifocal, glandular stomach
Non-graded change

Finding absent : Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50453
Stomach
Findings : Finding present
Raised, white, focal, forestomach
Non-graded change

Finding absent : Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50454
Stomach
Findings : Finding present
Raised, white, focal, forestomach
Non-graded change

Finding absent : Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50455
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50456
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50457
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50458
Finding absent : Stomach, Kidney, Other organs & tissues
Estrous cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50459

Stomach
Findings : Finding present
Raised, white, focal, forestomach
Non-graded change

Finding absent : Kidney, Other organs & tissues

Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50460

Finding absent : Stomach, Kidney, Other organs & tissues

Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50461

Finding absent : Stomach, Kidney, Other organs & tissues

Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50462

Stomach
Findings : Finding present
Raised, white, focal, forestomach
Non-graded change

Finding absent : Kidney, Other organs & tissues

Estrous cycle : Diestrus

Necropsy findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50551
Finding absent :	Stomach, Other organs & tissues	
Estrous cycle : Proestrus		

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50552
Finding absent :	Stomach, Other organs & tissues	
Estrous cycle : Metestrus		

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50553
Finding absent :	Stomach, Other organs & tissues	
Estrous cycle : Estrus		

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50554
Finding absent :	Stomach, Other organs & tissues	
Estrous cycle : Diestrus		

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50555
Finding absent :	Stomach, Other organs & tissues	
Estrous cycle : Diestrus		

Necropsy findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50651
Finding absent : Stomach, Other organs & tissues
Estrous cycle : Estrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50652
Finding absent : Stomach, Other organs & tissues
Estrous cycle : Metestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50653
Stomach
Findings : Finding present
Raised, white, focal, glandular stomach
Non-graded change

Finding absent : Other organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50654
Finding absent : Stomach, Other organs & tissues
Estrous cycle : Estrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50655
Finding absent : Stomach, Other organs & tissues
Estrous cycle : Proestrus

Necropsy findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10105
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10106
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10108
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10109
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10111
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene	Dose : 200 mg/kg	Animal No. : 10403
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 200 mg/kg	Animal No. : 10404
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 200 mg/kg	Animal No. : 10405
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 200 mg/kg	Animal No. : 10409
Finding absent :	All organs & tissues	

Test article : Polyoxymethylene	Dose : 200 mg/kg	Animal No. : 10412
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50556
Finding absent : All organs & tissues
Estrous cycle : Estrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50557
Finding absent : All organs & tissues
Estrous cycle : Proestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50558
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50559
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50560
Finding absent : All organs & tissues
Estrous cycle : Proestrus

Necropsy findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50656
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50657
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50658
Finding absent : All organs & tissues
Estrous cycle : Estrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50659
Finding absent : All organs & tissues
Estrous cycle : Estrus

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50660
Finding absent : All organs & tissues
Estrous cycle : Proestrus

Organ weight
Sex : Male
Stage : Copulated, Non copulated (F0)
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10101	578	15.20	2.63	3.15	0.54	1.53	0.26	658	113.84
10102	465	11.33	2.44	2.67	0.57	1.45	0.31	774	166.45
10103	530	14.30	2.70	2.94	0.55	1.46	0.28	923	174.15
10104	522	14.89	2.85	3.53	0.68	1.53	0.29	798	152.87
10107	487	12.88	2.64	3.30	0.68	1.51	0.31	708	145.38
10110	477	11.23	2.35	2.61	0.55	1.47	0.31	715	149.90
10112	525	13.85	2.64	3.13	0.60	1.64	0.31	705	134.29
n	7	7	7	7	7	7	7	7	7
Mean	512.0	13.383	2.607	3.047	0.596	1.513	0.296	754.4	148.126
S.D.	38.7	1.619	0.166	0.331	0.061	0.065	0.020	87.7	20.055

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10101	363	62.80	77	13.32	16.3	2.82	22.5	3.89	3.14	0.54
10102	184	39.57	67	14.41	11.4	2.45	23.1	4.97	3.28	0.71
10103	392	73.96	84	15.85	13.4	2.53	22.9	4.32	3.28	0.62
10104	257	49.23	69	13.22	13.8	2.64	27.7	5.31	3.18	0.61
10107	298	61.19	64	13.14	18.3	3.76	32.4	6.65	3.53	0.72
10110	281	58.91	61	12.79	11.0	2.31	23.0	4.82	3.27	0.69
10112	231	44.00	91	17.33	12.1	2.30	22.2	4.23	3.12	0.59
n	7	7	7	7	7	7	7	7	7	7
Mean	286.6	55.666	73.3	14.294	13.76	2.687	24.83	4.884	3.257	0.640
S.D.	72.6	11.994	11.1	1.700	2.68	0.507	3.83	0.917	0.138	0.068

Animal No.	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10101	1.51	0.26	919	159.00	2.60	0.45	2.13	0.37
10102	1.48	0.32	679	146.02	2.52	0.54	2.07	0.45
10103	1.45	0.27	841	158.68	2.44	0.46	2.18	0.41
10104	1.39	0.27	889	170.31	2.64	0.51	2.34	0.45
10107	1.43	0.29	835	171.46	2.36	0.48	2.18	0.45
10110	1.27	0.27	711	149.06	1.88	0.39	2.22	0.47
10112	1.29	0.25	702	133.71	2.41	0.46	2.44	0.46
n	7	7	7	7	7	7	7	7
Mean	1.403	0.276	796.6	155.463	2.407	0.470	2.223	0.437
S.D.	0.092	0.023	97.5	13.556	0.253	0.048	0.127	0.035

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Copulated, Non copulated (F0)
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10201	493	14.18	2.88	3.36	0.68	1.48	0.30	691	140.16
10202	566	16.44	2.90	3.52	0.62	1.53	0.27	977	172.61
10203	471	11.78	2.50	3.16	0.67	1.30	0.28	626	132.91
10204	456	11.51	2.52	3.10	0.68	1.38	0.30	654	143.42
10205	431	9.89	2.29	2.85	0.66	1.49	0.35	682	158.24
10206	484	11.92	2.46	2.99	0.62	1.53	0.32	705	145.66
10207	493	13.34	2.71	3.21	0.65	1.56	0.32	709	143.81
10208	522	13.03	2.50	3.70	0.71	1.64	0.31	725	138.89
10209	603	16.16	2.68	3.58	0.59	1.64	0.27	637	105.64
10210	513	14.24	2.78	3.58	0.70	1.67	0.33	732	142.69
10211	483	13.63	2.82	3.73	0.77	1.38	0.29	693	143.48
10212	499	13.25	2.66	3.00	0.60	1.55	0.31	693	138.88
n	12	12	12	12	12	12	12	12	12
Mean	501.2	13.281	2.642	3.315	0.663	1.513	0.304	710.3	142.199
S.D.	46.5	1.881	0.189	0.303	0.051	0.114	0.024	90.1	15.518

	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10201	399	80.93	71	14.40	13.1	2.66	25.0	5.07	3.17	0.64
10202	324	57.24	44	7.77	13.2	2.33	25.0	4.42	3.26	0.58
10203	289	61.36	58	12.31	12.4	2.63	23.2	4.93	3.39	0.72
10204	355	77.85	59	12.94	10.9	2.39	27.5	6.03	3.54	0.78
10205	121	28.07	57	13.23	11.9	2.76	13.6	3.16	3.43	0.80
10206	230	47.52	80	16.53	14.0	2.89	29.8	6.16	3.61	0.75
10207	395	80.12	82	16.63	13.9	2.82	20.9	4.24	3.38	0.69
10208	236	45.21	70	13.41	17.7	3.39	20.8	3.98	3.61	0.69
10209	366	60.70	76	12.60	16.3	2.70	31.7	5.26	3.42	0.57
10210	325	63.35	72	14.04	14.2	2.77	31.7	6.18	4.26	0.83
10211	311	64.39	67	13.87	15.4	3.19	24.9	5.16	3.39	0.70
10212	435	87.17	74	14.83	15.8	3.17	22.2	4.45	3.40	0.68
n	12	12	12	12	12	12	12	12	12	12
Mean	315.5	62.826	67.5	13.547	14.07	2.808	24.69	4.920	3.488	0.703
S.D.	87.4	17.158	11.1	2.285	1.96	0.315	5.16	0.928	0.274	0.081

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male

Stage : Copulated, Non copulated (F0)
Dose : Polyoxymethylene 20 mg/kg

Species : Rat

	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10201	1.27	0.26	428	86.82	2.50	0.51	2.21	0.45
10202	1.59	0.28	808	142.76	2.50	0.44	2.00	0.35
10203	1.40	0.30	832	176.65	2.51	0.53	2.12	0.45
10204	1.44	0.32	681	149.34	2.32	0.51	2.21	0.48
10205	1.35	0.31	823	190.95	2.13	0.49	2.23	0.52
10206	1.54	0.32	720	148.76	2.10	0.43	2.19	0.45
10207	1.41	0.29	887	179.92	2.73	0.55	2.23	0.45
10208	1.56	0.30	797	152.68	2.62	0.50	2.34	0.45
10209	1.72	0.29	563	93.37	2.44	0.40	2.16	0.36
10210	1.58	0.31	424	82.65	2.39	0.47	2.38	0.46
10211	1.38	0.29	573	118.63	2.22	0.46	2.27	0.47
10212	1.22	0.24	692	138.68	1.78	0.36	2.17	0.43
n	12	12	12	12	12	12	12	12
Mean	1.455	0.293	685.7	138.434	2.353	0.471	2.209	0.443
S.D.	0.146	0.024	157.3	36.414	0.261	0.056	0.099	0.047

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Copulated, Non copulated (F0)
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10301	595	19.44	3.27	3.87	0.65	1.57	0.26	1034	173.78
10302	471	11.34	2.41	3.24	0.69	1.40	0.30	590	125.27
10303	477	10.43	2.19	2.71	0.57	1.41	0.30	669	140.25
10304	448	10.41	2.32	3.01	0.67	1.36	0.30	706	157.59
10305	509	12.12	2.38	3.33	0.65	1.48	0.29	736	144.60
10306	473	12.90	2.73	3.25	0.69	1.38	0.29	751	158.77
10307	481	12.86	2.67	3.30	0.69	1.39	0.29	665	138.25
10308	531	13.54	2.55	3.23	0.61	1.50	0.28	707	133.15
10309	555	14.98	2.70	3.68	0.66	1.55	0.28	870	156.76
10310	531	16.30	3.07	3.19	0.60	1.46	0.27	688	129.57
10311	515	13.62	2.64	3.13	0.61	1.48	0.29	764	148.35
10312	533	13.98	2.62	3.31	0.62	1.37	0.26	852	159.85
n	12	12	12	12	12	12	12	12	12
Mean	509.9	13.493	2.629	3.271	0.643	1.446	0.284	752.7	147.183
S.D.	41.9	2.556	0.306	0.293	0.040	0.071	0.014	117.9	14.539

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10301	389	65.38	88	14.79	13.6	2.29	24.3	4.08	3.29	0.55
10302	294	62.42	71	15.07	13.7	2.91	21.8	4.63	3.79	0.80
10303	238	49.90	64	13.42	10.0	2.10	24.9	5.22	3.41	0.71
10304	256	57.14	59	13.17	11.6	2.59	19.8	4.42	3.46	0.77
10305	183	35.95	83	16.31	14.2	2.79	22.7	4.46	3.45	0.68
10306	366	77.38	77	16.28	12.4	2.62	26.4	5.58	3.11	0.66
10307	418	86.90	65	13.51	13.4	2.79	25.6	5.32	2.99	0.62
10308	304	57.25	77	14.50	12.9	2.43	20.4	3.84	3.46	0.65
10309	276	49.73	62	11.17	14.1	2.54	22.7	4.09	3.46	0.62
10310	393	74.01	68	12.81	13.1	2.47	26.2	4.93	3.20	0.60
10311	590	114.56	69	13.40	12.0	2.33	15.1	2.93	3.31	0.64
10312	331	62.10	97	18.20	12.7	2.38	29.1	5.46	3.36	0.63
n	12	12	12	12	12	12	12	12	12	12
Mean	336.5	66.060	73.3	14.386	12.81	2.520	23.25	4.580	3.358	0.661
S.D.	106.2	20.447	11.4	1.894	1.19	0.235	3.71	0.778	0.204	0.071

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male

Stage : Copulated, Non copulated (F0)
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10301	1.30	0.22	480	80.67	2.49	0.42	2.25	0.38
10302	1.54	0.33	681	144.59	2.11	0.45	2.35	0.50
10303	1.37	0.29	1060	222.22	2.61	0.55	2.05	0.43
10304	1.22	0.27	632	141.07	2.51	0.56	2.20	0.49
10305	1.38	0.27	603	118.47	2.55	0.50	2.11	0.41
10306	1.14	0.24	758	160.25	2.24	0.47	2.23	0.47
10307	1.19	0.25	668	138.88	2.67	0.56	2.18	0.45
10308	1.50	0.28	778	146.52	2.48	0.47	2.15	0.40
10309	1.38	0.25	656	118.20	2.31	0.42	2.26	0.41
10310	1.37	0.26	732	137.85	2.28	0.43	2.30	0.43
10311	1.24	0.24	529	102.72	1.83	0.36	2.13	0.41
10312	1.46	0.27	589	110.51	2.31	0.43	2.24	0.42
n	12	12	12	12	12	12	12	12
Mean	1.341	0.264	680.5	135.163	2.366	0.468	2.204	0.433
S.D.	0.126	0.028	148.6	35.263	0.237	0.063	0.085	0.037

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Copulated, Non copulated (F0)
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10401	545	13.31	2.44	3.06	0.56	1.69	0.31	790	144.95
10402	494	11.53	2.33	3.22	0.65	1.31	0.27	671	135.83
10406	498	12.87	2.58	3.22	0.65	1.45	0.29	832	167.07
10407	454	11.89	2.62	3.30	0.73	1.38	0.30	497	109.47
10408	537	13.97	2.60	3.38	0.63	1.57	0.29	744	138.55
10410	442	11.53	2.61	2.88	0.65	1.39	0.31	678	153.39
10411	436	9.12	2.09	2.66	0.61	1.33	0.31	455	104.36
n	7	7	7	7	7	7	7	7	7
Mean	486.6	12.031	2.467	3.103	0.640	1.446	0.297	666.7	136.231
S.D.	44.2	1.586	0.198	0.255	0.051	0.138	0.015	142.7	22.579

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10401	252	46.24	104	19.08	17.9	3.28	22.4	4.11	3.81	0.70
10402	229	46.36	88	17.81	16.9	3.42	25.4	5.14	3.58	0.72
10406	214	42.97	71	14.26	12.3	2.47	27.5	5.52	3.94	0.79
10407	253	55.73	73	16.08	11.0	2.42	19.4	4.27	3.46	0.76
10408	397	73.93	59	10.99	12.3	2.29	28.9	5.38	3.50	0.65
10410	336	76.02	77	17.42	10.0	2.26	31.4	7.10	3.36	0.76
10411	210	48.17	68	15.60	12.3	2.82	20.1	4.61	3.62	0.83
n	7	7	7	7	7	7	7	7	7	7
Mean	270.1	55.631	77.1	15.891	13.24	2.709	25.01	5.161	3.610	0.744
S.D.	70.1	13.788	14.8	2.677	2.98	0.476	4.56	1.012	0.203	0.060

Animal No.	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10401	1.42	0.26	828	151.93	2.41	0.44	2.38	0.44
10402	1.65	0.33	760	153.85	3.41	0.69	2.37	0.48
10406	1.68	0.34	895	179.72	2.77	0.56	2.21	0.44
10407	1.36	0.30	590	129.96	2.32	0.51	2.23	0.49
10408	1.31	0.24	793	147.67	2.58	0.48	2.21	0.41
10410	1.26	0.29	688	155.66	2.28	0.52	2.06	0.47
10411	1.36	0.31	426	97.71	1.87	0.43	2.09	0.48
n	7	7	7	7	7	7	7	7
Mean	1.434	0.296	711.4	145.214	2.520	0.519	2.221	0.459
S.D.	0.165	0.036	159.7	25.543	0.481	0.088	0.123	0.029

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50151	330	10.72	3.25	2.30	0.70	1.15	0.35	539	163.33
50152	315	11.69	3.71	2.24	0.71	1.05	0.33	545	173.02
50153	338	11.65	3.45	2.34	0.69	1.11	0.33	627	185.50
50154	364	11.75	3.23	2.61	0.72	1.10	0.30	518	142.31
50155	292	10.62	3.64	1.92	0.66	1.10	0.38	518	177.40
50156	312	11.60	3.72	1.96	0.63	1.10	0.35	640	205.13
50157	320	11.49	3.59	2.34	0.73	1.11	0.35	473	147.81
50158	348	12.26	3.52	2.13	0.61	1.13	0.32	667	191.67
50159	332	11.75	3.54	2.09	0.63	1.13	0.34	542	163.25
50160	311	9.70	3.12	2.06	0.66	1.05	0.34	592	190.35
50161	381	12.87	3.38	2.57	0.67	1.14	0.30	625	164.04
50162	319	10.26	3.22	1.84	0.58	1.06	0.33	561	175.86
n	12	12	12	12	12	12	12	12	12
Mean	330.2	11.363	3.448	2.200	0.666	1.103	0.335	570.6	173.306
S.D.	24.7	0.883	0.205	0.245	0.047	0.034	0.022	59.0	18.365

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50151	131	39.70	76	23.03	15.0	4.55	11.7	3.55	99	30.00
50152	143	45.40	77	24.44	14.9	4.73	17.0	5.40	115	36.51
50153	363	107.40	66	19.53	11.9	3.52	15.9	4.70	95	28.11
50154	192	52.75	60	16.48	18.6	5.11	18.9	5.19	78	21.43
50155	166	56.85	65	22.26	17.7	6.06	12.7	4.35	84	28.77
50156	186	59.62	77	24.68	15.0	4.81	18.9	6.06	119	38.14
50157	395	123.44	75	23.44	18.2	5.69	17.0	5.31	131	40.94
50158	229	65.80	79	22.70	22.3	6.41	17.2	4.94	121	34.77
50159	318	95.78	79	23.80	10.6	3.19	18.6	5.60	110	33.13
50160	205	65.92	73	23.47	14.1	4.53	16.0	5.14	87	27.97
50161	243	63.78	102	26.77	15.9	4.17	21.2	5.56	134	35.17
50162	284	89.03	71	22.26	12.2	3.82	20.0	6.27	85	26.65
n	12	12	12	12	12	12	12	12	12	12
Mean	237.9	72.123	75.0	22.738	15.53	4.716	17.09	5.173	104.8	31.799
S.D.	85.5	25.940	10.4	2.613	3.29	0.987	2.78	0.738	19.4	5.581

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 0 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50151	516	156.36	2.07	0.63
50152	724	229.84	2.08	0.66
50153	534	157.99	2.09	0.62
50154	569	156.32	2.06	0.57
50155	404	138.36	2.04	0.70
50156	654	209.62	1.89	0.61
50157	618	193.13	2.06	0.64
50158	567	162.93	2.07	0.59
50159	407	122.59	2.06	0.62
50160	668	214.79	2.00	0.64
50161	607	159.32	1.95	0.51
50162	426	133.54	2.01	0.63
n	12	12	12	12
Mean	557.8	169.566	2.032	0.618
S.D.	105.0	34.310	0.060	0.047

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50251	326	10.19	3.13	2.09	0.64	1.12	0.34	553	169.63
50252	319	11.25	3.53	2.05	0.64	1.01	0.32	570	178.68
50253	318	10.94	3.44	2.04	0.64	1.14	0.36	615	193.40
50254	334	11.20	3.35	2.22	0.66	1.13	0.34	564	168.86
50255	314 $	8.17 $	2.60 $	1.70 $	0.54 $	0.90 $	0.29 $	489 $	155.73 $
50256	328	9.87	3.01	1.94	0.59	0.98	0.30	473	144.21
50257	330	12.04	3.65	2.06	0.62	1.08	0.33	484	146.67
50258	354	12.91	3.65	2.12	0.60	1.15	0.32	505	142.66
50259	351	12.60	3.59	2.13	0.61	1.08	0.31	498	141.88
50260	319	12.26	3.84	1.92	0.60	1.14	0.36	569	178.37
50261	338 $	8.18 $	2.42 $	1.74 $	0.51 $	0.97 $	0.29 $	632 $	186.98 $
50262	313	11.60	3.71	2.03	0.65	1.04	0.33	707	225.88
n	10	10	10	10	10	10	10	10	10
Mean	329.2	11.486	3.490	2.060	0.625	1.087	0.331	553.8	169.024
S.D.	13.8	0.995	0.262	0.088	0.024	0.060	0.020	70.5	26.988

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50251	242	74.23	82	25.15	19.4	5.95	18.4	5.64	119	36.50
50252	157	49.22	60	18.81	10.4	3.26	12.9	4.04	105	32.92
50253	171	53.77	77	24.21	14.4	4.53	16.7	5.25	84	26.42
50254	205	61.38	73	21.86	17.6	5.27	17.3	5.18	110	32.93
50255	300 $	95.54 $	72 $	22.93 $	16.8 $	5.35 $	14.5 $	4.62 $	129 $	41.08 $
50256	264	80.49	69	21.04	13.3	4.05	20.0	6.10	99	30.18
50257	163	49.39	75	22.73	13.8	4.18	25.4	7.70	125	37.88
50258	152	42.94	63	17.80	11.9	3.36	18.3	5.17	83	23.45
50259	410	116.81	63	17.95	13.2	3.76	18.0	5.13	104	29.63
50260	132	41.38	95	29.78	15.5	4.86	21.7	6.80	118	36.99
50261	340 $	100.59 $	82 $	24.26 $	13.1 $	3.88 $	18.3 $	5.41 $	161 $	47.63 $
50262	290	92.65	71	22.68	17.0	5.43	12.5	3.99	108	34.50
n	10	10	10	10	10	10	10	10	10	10
Mean	218.6	66.226	72.8	22.201	14.65	4.465	18.12	5.500	105.5	32.140
S.D.	85.4	24.575	10.4	3.668	2.75	0.905	3.82	1.142	14.0	4.722

AB : Absolute weight, RE : Relative weight by body weight
$: Excepted data from calculation (50255, unsuccessful mating; 50261, non-pregnancy)

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50251	615	188.65	2.08	0.64
50252	578	181.19	1.95	0.61
50253	565	177.67	2.01	0.63
50254	549	164.37	1.88	0.56
50255	459 $	146.18 $	1.90 $	0.61 $
50256	542	165.24	1.99	0.61
50257	561	170.00	2.13	0.65
50258	674	190.40	1.92	0.54
50259	516	147.01	2.02	0.58
50260	703	220.38	1.94	0.61
50261	501 $	148.22 $	2.08 $	0.62 $
50262	740	236.42	2.03	0.65
n	10	10	10	10
Mean	604.3	184.133	1.995	0.608
S.D.	76.0	26.840	0.076	0.038

AB : Absolute weight, RE : Relative weight by body weight
$: Excepted data from calculation (50255, unsuccessful mating; 50261, non-pregnancy)

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50351	342	11.22	3.28	2.16	0.63	1.08	0.32	607	177.49
50352	351	11.82	3.37	2.20	0.63	1.11	0.32	626	178.35
50353	338	11.18	3.31	2.41	0.71	1.14	0.34	625	184.91
50354	324	11.40	3.52	2.18	0.67	1.00	0.31	597	184.26
50355	308	10.75	3.49	2.06	0.67	1.10	0.36	657	213.31
50356	338	12.05	3.57	2.04	0.60	1.14	0.34	586	173.37
50357	309	12.12	3.92	2.19	0.71	1.09	0.35	673	217.80
50358	350	12.68	3.62	2.30	0.66	1.01	0.29	543	155.14
50359	316	11.53	3.65	2.21	0.70	1.01	0.32	601	190.19
50360	319	11.12	3.49	1.95	0.61	1.06	0.33	597	187.15
50361	358	12.35	3.45	15.38	4.30	1.18	0.33	743	207.54
50362	368	11.12	3.02	2.10	0.57	1.16	0.32	459	124.73
n	12	12	12	12	12	12	12	12	12
Mean	335.1	11.612	3.474	3.265	0.955	1.090	0.328	609.5	182.853
S.D.	19.8	0.588	0.223	3.817	1.054	0.061	0.019	69.2	25.445

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50351	196	57.31	75	21.93	16.7	4.88	18.4	5.38	89	26.02
50352	268	76.35	79	22.51	18.9	5.38	18.3	5.21	107	30.48
50353	206	60.95	77	22.78	17.4	5.15	13.5	3.99	87	25.74
50354	162	50.00	89	27.47	13.7	4.23	13.4	4.14	97	29.94
50355	244	79.22	67	21.75	11.6	3.77	13.6	4.42	96	31.17
50356	258	76.33	97	28.70	15.5	4.59	19.9	5.89	131	38.76
50357	217	70.23	91	29.45	14.9	4.82	16.0	5.18	99	32.04
50358	345	98.57	100	28.57	15.1	4.31	12.1	3.46	87	24.86
50359	302	95.57	87	27.53	15.0	4.75	16.6	5.25	141	44.62
50360	311	97.49	65	20.38	18.2	5.71	18.0	5.64	85	26.65
50361	148	41.34	91	25.42	15.2	4.25	14.2	3.97	120	33.52
50362	355	96.47	72	19.57	17.3	4.70	14.5	3.94	114	30.98
n	12	12	12	12	12	12	12	12	12	12
Mean	251.0	74.986	82.5	24.672	15.79	4.712	15.71	4.706	104.4	31.232
S.D.	68.1	19.674	11.6	3.562	2.03	0.538	2.51	0.803	18.5	5.745

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 60 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50351	505	147.66	2.06	0.60
50352	545	155.27	2.04	0.58
50353	541	160.06	2.06	0.61
50354	553	170.68	1.93	0.60
50355	579	187.99	1.96	0.64
50356	793	234.62	1.85	0.55
50357	720	233.01	2.10	0.68
50358	557	159.14	2.19	0.63
50359	572	181.01	2.00	0.63
50360	459	143.89	2.03	0.64
50361	517	144.41	2.11	0.59
50362	545	148.10	2.05	0.56
n	12	12	12	12
Mean	573.8	172.153	2.032	0.609
S.D.	92.5	32.029	0.089	0.037

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50451	317	11.24	3.55	2.14	0.68	0.94	0.30	498	157.10
50452	339	10.56	3.12	1.97	0.58	1.04	0.31	494	145.72
50453	351	11.51	3.28	2.37	0.68	1.18	0.34	603	171.79
50454	303	10.35	3.42	2.11	0.70	1.07	0.35	689	227.39
50455	326	10.57	3.24	2.23	0.68	1.11	0.34	528	161.96
50456	342	11.57	3.38	2.20	0.64	1.25	0.37	557	162.87
50457	314	10.94	3.48	2.31	0.74	1.08	0.34	531	169.11
50458	310	10.82	3.49	2.17	0.70	1.06	0.34	567	182.90
50459	314	11.05	3.52	1.91	0.61	0.96	0.31	638	203.18
50460	342	10.79	3.15	2.26	0.66	1.14	0.33	603	176.32
50461	331	12.46	3.76	2.04	0.62	1.11	0.34	532	160.73
50462	299	11.07	3.70	2.25	0.75	0.98	0.33	522	174.58
n	12	12	12	12	12	12	12	12	12
Mean	324.0	11.078	3.424	2.163	0.670	1.077	0.333	563.5	174.471
S.D.	17.0	0.571	0.201	0.137	0.051	0.091	0.019	59.3	22.040

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50451	143	45.11	81	25.55	13.8	4.35	19.0	5.99	87	27.44
50452	211	62.24	79	23.30	13.6	4.01	11.0	3.24	104	30.68
50453	172	49.00	87	24.79	16.7	4.76	15.8	4.50	105	29.91
50454	241	79.54	96	31.68	16.2	5.35	12.6	4.16	99	32.67
50455	275	84.36	79	24.23	17.8	5.46	13.1	4.02	117	35.89
50456	169	49.42	93	27.19	15.4	4.50	13.2	3.86	111	32.46
50457	222	70.70	96	30.57	15.7	5.00	15.2	4.84	94	29.94
50458	244	78.71	90	29.03	15.6	5.03	19.0	6.13	101	32.58
50459	166	52.87	82	26.11	15.4	4.90	15.2	4.84	111	35.35
50460	260	76.02	72	21.05	16.1	4.71	16.8	4.91	98	28.65
50461	165	49.85	97	29.31	17.9	5.41	14.4	4.35	123	37.16
50462	200	66.89	80	26.76	10.4	3.48	14.5	4.85	87	29.10
n	12	12	12	12	12	12	12	12	12	12
Mean	205.7	63.726	86.0	26.631	15.38	4.747	14.98	4.641	103.1	31.819
S.D.	43.1	14.113	8.3	3.120	2.04	0.591	2.43	0.827	11.1	3.080

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Polyoxymethylene 200 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50451	517	163.09	2.09	0.66
50452	575	169.62	1.93	0.57
50453	637	181.48	2.11	0.60
50454	488	161.06	1.86	0.61
50455	512	157.06	2.06	0.63
50456	511	149.42	1.97	0.58
50457	549	174.84	2.15	0.68
50458	489	157.74	2.00	0.65
50459	502	159.87	1.97	0.63
50460	523	152.92	2.12	0.62
50461	587	177.34	2.04	0.62
50462	555	185.62	2.09	0.70
n	12	12	12	12
Mean	537.1	165.838	2.033	0.629
S.D.	45.0	11.711	0.087	0.038

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50551	276	7.95	2.88	2.03	0.74	0.85	0.31	473	171.38
50552	251	6.17	2.46	1.55	0.62	0.84	0.33	360	143.43
50553	244	6.20	2.54	1.66	0.68	0.83	0.34	367	150.41
50554	280	7.23	2.58	1.73	0.62	0.87	0.31	524	187.14
50555	271	6.90	2.55	1.88	0.69	0.86	0.32	420	154.98
n	5	5	5	5	5	5	5	5	5
Mean	264.4	6.890	2.602	1.770	0.670	0.850	0.322	428.8	161.468
S.D.	15.9	0.747	0.162	0.188	0.051	0.016	0.013	70.1	17.657

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50551	254	92.03	95	34.42	23.6	8.55	15.4	5.58	96	34.78
50552	211	84.06	68	27.09	12.7	5.06	10.7	4.26	87	34.66
50553	252	103.28	79	32.38	13.6	5.57	22.1	9.06	76	31.15
50554	390	139.29	71	25.36	15.8	5.64	15.5	5.54	87	31.07
50555	260	95.94	69	25.46	14.7	5.42	18.5	6.83	85	31.37
n	5	5	5	5	5	5	5	5	5	5
Mean	273.4	102.920	76.4	28.942	16.08	6.048	16.44	6.254	86.2	32.606
S.D.	68.0	21.482	11.3	4.190	4.36	1.416	4.22	1.813	7.1	1.933

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50551	1448	524.64	2.21	0.80
50552	460	183.27	2.02	0.80
50553	546	223.77	2.02	0.83
50554	713	254.64	1.98	0.71
50555	604	222.88	2.14	0.79
n	5	5	5	5
Mean	754.2	281.840	2.074	0.786
S.D.	398.6	138.073	0.097	0.045

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50651	256	6.77	2.64	1.67	0.65	0.79	0.31	441	172.27
50652	268	7.68	2.87	1.86	0.69	0.92	0.34	534	199.25
50653	284	7.47	2.63	1.67	0.59	0.87	0.31	481	169.37
50654	256	6.75	2.64	1.71	0.67	0.85	0.33	505	197.27
50655	261	7.08	2.71	1.48	0.57	0.90	0.34	467	178.93
n	5	5	5	5	5	5	5	5	5
Mean	265.0	7.150	2.698	1.678	0.634	0.866	0.326	485.6	183.418
S.D.	11.7	0.416	0.101	0.136	0.052	0.050	0.015	35.6	14.003

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50651	204	79.69	89	34.77	14.1	5.51	21.7	8.48	103	40.23
50652	203	75.75	79	29.48	20.0	7.46	25.1	9.37	70	26.12
50653	320	112.68	84	29.58	13.5	4.75	13.3	4.68	91	32.04
50654	321	125.39	69	26.95	16.1	6.29	16.1	6.29	83	32.42
50655	281	107.66	76	29.12	14.3	5.48	16.9	6.48	92	35.25
n	5	5	5	5	5	5	5	5	5	5
Mean	265.8	100.234	79.4	29.980	15.60	5.898	18.62	7.060	87.8	33.212
S.D.	59.1	21.589	7.6	2.884	2.64	1.029	4.72	1.867	12.2	5.141

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50651	669	261.33	1.91	0.75
50652	632	235.82	2.06	0.77
50653	467	164.44	1.90	0.67
50654	717	280.08	2.07	0.81
50655	1112	426.05	1.95	0.75
n	5	5	5	5
Mean	719.4	273.544	1.978	0.750
S.D.	238.8	95.886	0.082	0.051

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Recovery day 15
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10105	518	12.53	2.42	2.94	0.57	1.45	0.28	755	145.75
10106	525	12.41	2.36	3.54	0.67	1.46	0.28	745	141.90
10108	549	12.68	2.31	2.83	0.52	1.51	0.28	797	145.17
10109	543	12.53	2.31	3.43	0.63	1.57	0.29	549	101.10
10111	551	13.41	2.43	3.17	0.58	1.48	0.27	626	113.61
n	5	5	5	5	5	5	5	5	5
Mean	537.2	12.712	2.366	3.182	0.594	1.494	0.280	694.4	129.506
S.D.	14.8	0.402	0.058	0.305	0.058	0.048	0.007	103.2	20.751

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10105	345	66.60	39	7.53	10.1	1.95	28.0	5.41	2.97	0.57
10106	199	37.90	68	12.95	12.3	2.34	14.6	2.78	2.95	0.56
10108	379	69.03	52	9.47	15.9	2.90	19.0	3.46	3.12	0.57
10109	261	48.07	71	13.08	17.8	3.28	20.4	3.76	3.82	0.70
10111	366	66.42	77	13.97	13.6	2.47	25.6	4.65	3.47	0.63
n	5	5	5	5	5	5	5	5	5	5
Mean	310.0	57.604	61.4	11.400	13.94	2.588	21.52	4.012	3.266	0.606
S.D.	77.2	13.860	15.6	2.763	3.01	0.514	5.34	1.030	0.373	0.059

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10105	1.48	0.29	700	135.14	2.38	0.46	2.15	0.42
10106	1.22	0.23	969	184.57	2.57	0.49	2.18	0.42
10108	1.37	0.25	741	134.97	2.19	0.40	2.19	0.40
10109	1.45	0.27	831	153.04	2.41	0.44	2.20	0.41
10111	1.50	0.27	801	145.37	2.54	0.46	2.26	0.41
n	5	5	5	5	5	5	5	5
Mean	1.404	0.262	808.4	150.618	2.418	0.450	2.196	0.412
S.D.	0.114	0.023	103.3	20.436	0.151	0.033	0.040	0.008

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Recovery day 15
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10403	506	12.00	2.37	3.17	0.63	1.48	0.29	836	165.22
10404	508	10.77	2.12	2.87	0.56	1.39	0.27	696	137.01
10405	540	12.30	2.28	3.32	0.61	1.61	0.30	779	144.26
10409	548	13.74	2.51	3.35	0.61	1.61	0.29	719	131.20
10412	521	14.28	2.74	3.67	0.70	1.47	0.28	809	155.28
n	5	5	5	5	5	5	5	5	5
Mean	524.6	12.618	2.404	3.276	0.622	1.512	0.286	767.8	146.594
S.D.	18.8	1.407	0.235	0.291	0.051	0.096	0.011	59.2	13.754

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10403	295	58.30	49	9.68	8.5	1.68	20.5	4.05	3.22	0.64
10404	248	48.82	71	13.98	12.8	2.52	17.9	3.52	3.44	0.68
10405	354	65.56	81	15.00	14.3	2.65	15.9	2.94	3.02	0.56
10409	216	39.42	69	12.59	14.7	2.68	21.0	3.83	3.54	0.65
10412	281	53.93	70	13.44	13.4	2.57	28.3	5.43	3.55	0.68
n	5	5	5	5	5	5	5	5	5	5
Mean	278.8	53.206	68.0	12.938	12.74	2.420	20.72	3.954	3.354	0.642
S.D.	52.0	9.854	11.7	2.020	2.48	0.419	4.71	0.925	0.229	0.049

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10403	1.51	0.30	724	143.08	2.71	0.54	2.16	0.43
10404	1.30	0.26	879	173.03	2.83	0.56	2.10	0.41
10405	1.45	0.27	1022	189.26	2.67	0.49	2.08	0.39
10409	1.61	0.29	607	110.77	2.84	0.52	2.23	0.41
10412	1.50	0.29	620	119.00	2.55	0.49	2.26	0.43
n	5	5	5	5	5	5	5	5
Mean	1.474	0.282	770.4	147.028	2.720	0.520	2.166	0.414
S.D.	0.113	0.016	177.9	33.821	0.120	0.031	0.079	0.017

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Recovery day 15
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50556	277	7.13	2.57	1.66	0.60	0.89	0.32	592	213.72
50557	293	7.25	2.47	1.76	0.60	0.87	0.30	492	167.92
50558	287	6.72	2.34	1.50	0.52	0.97	0.34	662	230.66
50559	316	7.82	2.47	1.81	0.57	0.91	0.29	532	168.35
50560	294	7.22	2.46	1.71	0.58	0.92	0.31	526	178.91
n	5	5	5	5	5	5	5	5	5
Mean	293.4	7.228	2.462	1.688	0.574	0.912	0.312	560.8	191.912
S.D.	14.3	0.393	0.082	0.119	0.033	0.038	0.019	67.1	28.622

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50556	244	88.09	81	29.24	15.2	5.49	18.0	6.50	77	27.80
50557	242	82.59	72	24.57	14.2	4.85	15.2	5.19	77	26.28
50558	350	121.95	65	22.65	15.5	5.40	18.7	6.52	74	25.78
50559	336	106.33	77	24.37	15.2	4.81	21.3	6.74	118	37.34
50560	300	102.04	85	28.91	15.1	5.14	18.9	6.43	82	27.89
n	5	5	5	5	5	5	5	5	5	5
Mean	294.4	100.200	76.0	25.948	15.04	5.138	18.42	6.276	85.6	29.018
S.D.	50.3	15.579	7.8	2.953	0.49	0.309	2.19	0.618	18.3	4.743

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50556	773	279.06	1.94	0.70
50557	1043	355.97	1.94	0.66
50558	597	208.01	1.89	0.66
50559	611	193.35	2.01	0.64
50560	1155	392.86	2.08	0.71
n	5	5	5	5
Mean	835.8	285.850	1.972	0.674
S.D.	253.1	88.076	0.074	0.030

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Recovery day 15
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50656	323	7.75	2.40	1.98	0.61	1.01	0.31	493	152.63
50657	306	7.30	2.39	1.89	0.62	0.94	0.31	505	165.03
50658	264	7.00	2.65	1.77	0.67	0.88	0.33	390	147.73
50659	274	6.32	2.31	1.72	0.63	0.85	0.31	334	121.90
50660	296	7.29	2.46	1.70	0.57	0.95	0.32	535	180.74
n	5	5	5	5	5	5	5	5	5
Mean	292.6	7.132	2.442	1.812	0.620	0.926	0.316	451.4	153.606
S.D.	23.9	0.527	0.128	0.119	0.036	0.063	0.009	85.4	21.838

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50656	350	108.36	53	16.41	14.3	4.43	18.3	5.67	94	29.10
50657	266	86.93	76	24.84	15.1	4.93	17.9	5.85	89	29.08
50658	277	104.92	59	22.35	16.7	6.33	18.4	6.97	58	21.97
50659	333	121.53	66	24.09	15.9	5.80	18.0	6.57	59	21.53
50660	286	96.62	64	21.62	15.5	5.24	14.5	4.90	86	29.05
n	5	5	5	5	5	5	5	5	5	5
Mean	302.4	103.672	63.6	21.862	15.50	5.346	17.42	5.992	77.2	26.146
S.D.	36.9	12.966	8.6	3.311	0.89	0.741	1.65	0.807	17.3	4.016

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50656	597	184.83	1.91	0.59
50657	625	204.25	2.09	0.68
50658	702	265.91	1.98	0.75
50659	532	194.16	1.87	0.68
50660	891	301.01	2.00	0.68
n	5	5	5	5
Mean	669.4	230.032	1.970	0.676
S.D.	138.1	50.793	0.085	0.057

AB : Absolute weight, RE : Relative weight by body weight

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10101

Pancreas
Findings : Finding present
Infiltration, inflammatory cell, interstitium
Slight

Urinary bladder
Findings : Finding present
Infiltration, inflammatory cell
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Mild

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Liver, Heart, Kidney, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10102

Kidney
Findings : Finding present
Cyst
Slight
Finding Comment : bilateral

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10103

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10104

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10107

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10110

Heart
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 10112

Lung
Findings : Finding present
Mineralization, blood vessel
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10201
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10202
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10203
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10204
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10205 Infertility
Heart
Findings : Finding present
Fibrosis, focal
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10206
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10207
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10208
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10209
Finding absent : Stomach

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10210

Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10211 Infertility

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 10212

Finding absent : Stomach

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10301
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10302
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10303
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10304
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10305
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10306
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10307
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10308
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10309
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10310
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10311
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 10312
Finding absent : Stomach

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10401

Heart
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10402

Stomach
Findings : Finding present
Ulcer, glandular stomach
Moderate

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Mild
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10406

Stomach
Findings : Finding present
Erosion, glandular stomach
Mild
Infiltration, inflammatory cell, submucosa, glandular stomach
Mild
Finding Comment : lymphocyte, focal

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10407

Lung
Findings : Finding present
Mineralization, blood vessel
Slight
Hemorrhage, focal
Slight

Stomach
Findings : Finding present
Ulcer, forestomach
Severe
Ulcer, glandular stomach
Moderate
Erosion, glandular stomach
Mild
Infiltration, inflammatory cell, submucosa, glandular stomach
Mild
Finding Comment : lymphocyte, focal

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10408

Stomach
Findings : Finding present
Erosion, glandular stomach
Mild
Infiltration, inflammatory cell, submucosa, glandular stomach
Mild
Finding Comment : lymphocyte, focal

Pituitary gland
Findings : Finding present
Cyst, pars distalis
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10410

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight

Heart
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10411

Lung
Findings : Finding present
Mineralization, blood vessel
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50151

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50152

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50153

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50154

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50155

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50156

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50157

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50158

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50159

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50160

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50161

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight
Finding Comment : deposition, black pigment

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50162

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50251
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50252
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50253
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50254
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50255 Unsuccessful mating
Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50256
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50257
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50258
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50259
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50260
Finding absent : Stomach

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50261 Non-pregnancy

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
Slight
Finding Comment : bilateral

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 20 mg/kg Animal No. : 50262

Finding absent : Stomach

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50351
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50352
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50353
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50354
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50355
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50356
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50357
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50358
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50359
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50360
Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50361
Kidney
Findings : Finding present
Nephroblastoma
Non-graded finding
Finding Comment : unilateral : left

Finding absent : Stomach

Test article : Polyoxymethylene Dose : 60 mg/kg Animal No. : 50362
Finding absent : Stomach

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50451

Pituitary gland
Findings : Finding present
Cyst, pars distalis
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50452

Stomach
Findings : Finding present
Ulcer, glandular stomach
Moderate
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50453

Stomach
Findings : Finding present
Ulcer, forestomach
Severe
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50454

Stomach
Findings : Finding present
Ulcer, forestomach
Severe
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50455

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Mild
Finding Comment : lymphocyte, focal

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50456

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50457

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50458

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50459

Stomach
Findings : Finding present
Ulcer, forestomach
Severe
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50460

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50461

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50462

Stomach
Findings : Finding present
Ulcer, forestomach
Severe

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50551

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50552

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50553

Liver
Findings : Finding present
Microgranuloma
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50554

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 0 mg/kg Animal No. : 50555

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50651

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50652

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50653

Stomach
Findings : Finding present
Ulcer, glandular stomach
Moderate
Erosion, glandular stomach
Slight
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Liver
Findings : Finding present
Microgranuloma
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50654

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50655

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10105
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10106
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10108
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10109
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 10111
Finding absent :	Stomach	

Histopathological findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10403

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10404

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10405

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10409

Finding absent : Stomach

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 10412

Finding absent : Stomach

Histopathological findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50556
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50557
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50558
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50559
Finding absent :	Stomach	

Test article : Polyoxymethylene	Dose : 0 mg/kg	Animal No. : 50560
Finding absent :	Stomach	

Histopathological findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50656

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50657

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50658

Finding absent : Stomach

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50659

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Test article : Polyoxymethylene Dose : 200 mg/kg Animal No. : 50660

Stomach
Findings : Finding present
Infiltration, inflammatory cell, submucosa, glandular stomach
Slight
Finding Comment : lymphocyte, focal

Estrous cycles and copulation

Generation : F0 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50151	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50152	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50153	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50154	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50155	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50156	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50157	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50158	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50159	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50160	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50161	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50162	M	D	P	E	M	D	P	E	E	M	D	P	E	E	4	5		4.5	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50251	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50252	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50253	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50254	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50255	D	P	E	M	D	D	D	P	E	M	D	P	E	E	6	4		5.0	3	-
50256	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50257	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50258	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50259	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50260	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50261	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50262	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50351	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50352	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50353	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50354	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50355	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50356	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50357	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50358	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50359	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50360	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50361	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50362	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50451	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50452	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50453	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50454	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50455	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50456	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50457	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50458	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50459	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50460	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50461	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50462	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation
Generation : F0 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50151	D	P	E											
	N	N	Y											
50152	P	E												
	N	Y												
50153	M	D	P	E										
	N	N	N	Y										
50154	D	P	E	M	D	P	E							
	N	N	N	N	N	N	Y							
50155	P	E												
	N	Y												
50156	E													
	Y													
50157	M	D	P	E										
	N	N	N	Y										
50158	D	P	E											
	N	N	Y											
50159	E													
	Y													
50160	M	D	P	E										
	N	N	N	Y										
50161	P	E												
	N	Y												
50162	E													
	Y													

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus
Lower / Y : Completion in copulation, N : Incompletion in copulation

Estrous cycles and copulation
Generation : F0 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50251	M	D	P	E										
	N	N	N	Y										
50252	E													
	Y													
50253	E													
	Y													
50254	M	D	P	E										
	N	N	N	Y										
50255	M	D	D	D	D	D	D	D	D	D	D	D	D	D
	N	N	N	N	N	N	N	N	N	N	N	N	N	N
50256	E													
	Y													
50257	E													
	Y													
50258	D	P	E											
	N	N	Y											
50259	E													
	Y													
50260	P	E												
	N	Y												
50261	E													
	Y													
50262	P	E	M	D	P	E								
	N	N	N	N	N	Y								

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus
Lower / Y : Completion in copulation, N : Incompletion in copulation

Estrous cycles and copulation

Generation : F0 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50351	E													
	Y													
50352	D	P	E											
	N	N	Y											
50353	E													
	Y													
50354	E													
	Y													
50355	D	P	E											
	N	N	Y											
50356	P	E												
	N	Y												
50357	D	P	E											
	N	N	Y											
50358	E	M	D	P	E									
	N	N	N	N	Y									
50359	M	D	P	E										
	N	N	N	Y										
50360	E													
	Y													
50361	M	D	D	D	D	D	D	D	D	D	P	E		
	N	N	N	N	N	N	N	N	N	N	N	Y		
50362	M	D	P	E										
	N	N	N	Y										

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Estrous cycles and copulation
Generation : F0 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50451	P	E												
	N	Y												
50452	E													
	Y													
50453	M	D	P	E										
	N	N	N	Y										
50454	D	P	E											
	N	N	Y											
50455	D	P	E											
	N	N	Y											
50456	E													
	Y													
50457	M	D	P	E										
	N	N	N	Y										
50458	E													
	Y													
50459	E													
	Y													
50460	D	P	E											
	N	N	Y											
50461	E													
	Y													
50462	P	E												
	N	Y												

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus
Lower / Y : Completion in copulation, N : Incompletion in copulation

Reproductive performance

Generation : F0 Sex : Male Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10101	3	50151	+	+	///	///	///	+	+
10102	2	50152	+	+	///	///	///	+	+
10103	4	50153	+	+	///	///	///	+	+
10104	7	50154	+	+	///	///	///	+	+
10105	2	50155	+	+	///	///	///	+	+
10106	1	50156	+	+	///	///	///	+	+
10107	4	50157	+	+	///	///	///	+	+
10108	3	50158	+	+	///	///	///	+	+
10109	1	50159	+	+	///	///	///	+	+
10110	4	50160	+	+	///	///	///	+	+
10111	2	50161	+	+	///	///	///	+	+
10112	1	50162	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.8								
S.D.	1.7								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10201	4	50251	+	+	///	///	///	+	+
10202	1	50252	+	+	///	///	///	+	+
10203	1	50253	+	+	///	///	///	+	+
10204	4	50254	+	+	///	///	///	+	+
10205	-	50255	-	///	///	///	///	-	///
10206	1	50256	+	+	///	///	///	+	+
10207	1	50257	+	+	///	///	///	+	+
10208	3	50258	+	+	///	///	///	+	+
10209	1	50259	+	+	///	///	///	+	+
10210	2	50260	+	+	///	///	///	+	+
10211	1	50261	+	-	///	///	///	+	-
10212	6	50262	+	+	///	///	///	+	+
n	11		12	11		0	0	12	11
Mean	2.3								
S.D.	1.7								
No. of positives			11	10				11	10
%			91.7	90.9				91.7	90.9

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10301	1	50351	+	+	///	///	///	+	+
10302	3	50352	+	+	///	///	///	+	+
10303	1	50353	+	+	///	///	///	+	+
10304	1	50354	+	+	///	///	///	+	+
10305	3	50355	+	+	///	///	///	+	+
10306	2	50356	+	+	///	///	///	+	+
10307	3	50357	+	+	///	///	///	+	+
10308	5	50358	+	+	///	///	///	+	+
10309	4	50359	+	+	///	///	///	+	+
10310	1	50360	+	+	///	///	///	+	+
10311	12	50361	+	+	///	///	///	+	+
10312	4	50362	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.3								
S.D.	3.1								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10401	2	50451	+	+	///	///	///	+	+
10402	1	50452	+	+	///	///	///	+	+
10403	4	50453	+	+	///	///	///	+	+
10404	3	50454	+	+	///	///	///	+	+
10405	3	50455	+	+	///	///	///	+	+
10406	1	50456	+	+	///	///	///	+	+
10407	4	50457	+	+	///	///	///	+	+
10408	1	50458	+	+	///	///	///	+	+
10409	1	50459	+	+	///	///	///	+	+
10410	3	50460	+	+	///	///	///	+	+
10411	1	50461	+	+	///	///	///	+	+
10412	2	50462	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.2								
S.D.	1.2								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Female Dose : Polyoxymethylene 0 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50151	3	10101	+	+	///	///	///	+	+
50152	2	10102	+	+	///	///	///	+	+
50153	4	10103	+	+	///	///	///	+	+
50154	7	10104	+	+	///	///	///	+	+
50155	2	10105	+	+	///	///	///	+	+
50156	1	10106	+	+	///	///	///	+	+
50157	4	10107	+	+	///	///	///	+	+
50158	3	10108	+	+	///	///	///	+	+
50159	1	10109	+	+	///	///	///	+	+
50160	4	10110	+	+	///	///	///	+	+
50161	2	10111	+	+	///	///	///	+	+
50162	1	10112	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.8								
S.D.	1.7								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Female Dose : Polyoxymethylene 20 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50251	4	10201	+	+	///	///	///	+	+
50252	1	10202	+	+	///	///	///	+	+
50253	1	10203	+	+	///	///	///	+	+
50254	4	10204	+	+	///	///	///	+	+
50255	-	10205	-	///	///	///	///	-	///
50256	1	10206	+	+	///	///	///	+	+
50257	1	10207	+	+	///	///	///	+	+
50258	3	10208	+	+	///	///	///	+	+
50259	1	10209	+	+	///	///	///	+	+
50260	2	10210	+	+	///	///	///	+	+
50261	1	10211	+	-	///	///	///	+	-
50262	6	10212	+	+	///	///	///	+	+
n	11		12	11		0	0	12	11
Mean	2.3								
S.D.	1.7								
No. of positives			11	10				11	10
%			91.7	90.9				91.7	90.9

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : Polyoxymethylene 60 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50351	1	10301	+	+	///	///	///	+	+
50352	3	10302	+	+	///	///	///	+	+
50353	1	10303	+	+	///	///	///	+	+
50354	1	10304	+	+	///	///	///	+	+
50355	3	10305	+	+	///	///	///	+	+
50356	2	10306	+	+	///	///	///	+	+
50357	3	10307	+	+	///	///	///	+	+
50358	5	10308	+	+	///	///	///	+	+
50359	4	10309	+	+	///	///	///	+	+
50360	1	10310	+	+	///	///	///	+	+
50361	12	10311	+	+	///	///	///	+	+
50362	4	10312	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.3								
S.D.	3.1								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Female Dose : Polyoxymethylene 200 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50451	2	10401	+	+	///	///	///	+	+
50452	1	10402	+	+	///	///	///	+	+
50453	4	10403	+	+	///	///	///	+	+
50454	3	10404	+	+	///	///	///	+	+
50455	3	10405	+	+	///	///	///	+	+
50456	1	10406	+	+	///	///	///	+	+
50457	4	10407	+	+	///	///	///	+	+
50458	1	10408	+	+	///	///	///	+	+
50459	1	10409	+	+	///	///	///	+	+
50460	3	10410	+	+	///	///	///	+	+
50461	1	10411	+	+	///	///	///	+	+
50462	2	10412	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.2								
S.D.	1.2								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Delivery data
Generation : F0 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50151	22	16(8/8)	93.8	15	2	13	15	0	0	0	0
50152	22	14(6/8)	100.0	14	6	8	14	0	0	0	0
50153	22	15(9/6)	100.0	15	4	11	15	0	0	0	0
50154	22	16(9/7)	100.0	16	6	9	15	0	1	0	1
50155	22	13(5/8)	100.0	13	8	5	13	0	0	0	0
50156	22	15(7/8)	93.3	14	8	6	14	0	0	0	0
50157	22	15(8/7)	93.3	14	7	7	14	0	0	0	0
50158	23	13(5/8)	92.3	12	5	7	12	0	0	0	0
50159	22	15(7/8)	100.0	15	9	6	15	0	0	0	0
50160	22	16(9/7)	87.5	14	5	9	14	0	0	0	0
50161	23	17(8/9)	88.2	15	9	6	15	0	0	0	0
50162	22	14(7/7)	85.7	12	7	5	12	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.17	14.9	94.51	14.1	6.3	7.7	14.0	0.0	0.1	0.0	0.1
S.D.	0.39	1.2	5.44	1.2	2.1	2.5	1.1	0.0	0.3	0.0	0.3

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50251	22	19(11/8)	94.7	18	13	4	17	1	0	0	1
50252	22	16(9/7)	87.5	14	6	8	14	0	0	0	0
50253	22	13(6/7)	100.0	13	6	7	13	0	0	0	0
50254	22	14(6/8)	71.4	10	6	4	10	0	0	0	0
50256	22	13(5/8)	76.9	10	7	3	10	0	0	0	0
50257	22	18(9/9)	94.4	17	7	9	16	0	1	0	1
50258	22	16(11/5)	100.0	16	6	10	16	0	0	0	0
50259	22	12(6/6)	100.0	12	7	4	11	1	0	0	1
50260	22	16(5/11)	81.3	13	7	6	13	0	0	0	0
50262	23	12(4/8)	83.3	10	5	5	10	0	0	0	0
n	10	10	10	10	10	10	10	10	10	10	10
Mean	22.10	14.9	88.95	13.3	7.0	6.0	13.0	0.2	0.1	0.0	0.3
S.D.	0.32	2.5	10.41	2.9	2.2	2.4	2.7	0.4	0.3	0.0	0.5

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50351	22	16(7/9)	100.0	16	8	8	16	0	0	0	0
50352	22	14(6/8)	100.0	14	6	8	14	0	0	0	0
50353	22	16(11/5)	100.0	16	8	8	16	0	0	0	0
50354	23	17(7/10)	94.1	16	4	11	15	0	1	0	1
50355	22	15(8/7)	80.0	12	8	4	12	0	0	0	0
50356	22	12(2/10)	91.7	11	8	3	11	0	0	0	0
50357	22	16(8/8)	93.8	15	7	8	15	0	0	0	0
50358	22	15(6/9)	93.3	14	9	5	14	0	0	0	0
50359	23	15(9/6)	100.0	15	7	8	15	0	0	0	0
50360	22	15(9/6)	93.3	14	8	6	14	0	0	0	0
50361	22	17(6/11)	94.1	16	8	8	16	0	0	0	0
50362	22	15(8/7)	86.7	13	4	9	13	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.17	15.3	93.92	14.3	7.1	7.2	14.3	0.0	0.1	0.0	0.1
S.D.	0.39	1.4	6.03	1.7	1.6	2.2	1.6	0.0	0.3	0.0	0.3

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50451	22	18(8/10)	88.9	16	6	10	16	0	0	0	0
50452	22	15(9/6)	93.3	14	4	10	14	0	0	0	0
50453	22	17(10/7)	100.0	17	8	9	17	0	0	0	0
50454	22	17(13/4)	88.2	15	6	9	15	0	0	0	0
50455	22	14(5/9)	100.0	14	7	7	14	0	0	0	0
50456	22	16(9/7)	100.0	16	9	7	16	0	0	0	0
50457	23	14(8/6)	100.0	14	7	7	14	0	0	0	0
50458	22	13(4/9)	92.3	12	7	5	12	0	0	0	0
50459	23	13(6/7)	100.0	13	5	4	9	2	2	0	4
50460	23	14(7/7)	64.3	9	2	7	9	0	0	0	0
50461	23	16(6/10)	87.5	14	5	9	14	0	0	0	0
50462	23	15(5/10)	100.0	15	6	9	15	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.42	15.2	92.88	14.1	6.0	7.8	13.8	0.2	0.2	0.0	0.3
S.D.	0.51	1.6	10.39	2.1	1.9	1.9	2.6	0.6	0.6	0.0	1.2

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50151	15	No anomaly
50152	14	No anomaly
50153	15	No anomaly
50154	15	No anomaly
50155	13	No anomaly
50156	14	No anomaly
50157	14	No anomaly
50158	12	No anomaly
50159	15	No anomaly
50160	14	No anomaly
50161	15	No anomaly
50162	12	No anomaly
Total	168	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50251	17	No anomaly
50252	14	No anomaly
50253	13	No anomaly
50254	10	No anomaly
50256	10	No anomaly
50257	16	No anomaly
50258	16	No anomaly
50259	11	No anomaly
50260	13	No anomaly
50262	10	No anomaly
Total	130	
n	10	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings EV03
50351	16	No anomaly
50352	14	No anomaly
50353	16	No anomaly
50354	15	No anomaly
50355	12	No anomaly
50356	11	No anomaly
50357	15	No anomaly
50358	14	No anomaly
50359	15	No anomaly
50360	14	1(7.1)
50361	16	No anomaly
50362	13	No anomaly
Total	171	1
n	12	
Mean		0.59
S.D.		2.05

Mean : Average of incidence (%)
EV03 : Thread-like tail

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50451	16	No anomaly
50452	14	No anomaly
50453	17	No anomaly
50454	15	No anomaly
50455	14	No anomaly
50456	16	No anomaly
50457	14	No anomaly
50458	12	No anomaly
50459	9	No anomaly
50460	9	No anomaly
50461	14	No anomaly
50462	15	No anomaly
Total	165	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50151	Alive :	Male	2	2	2	2	2	2	2	2	2	2	2	2
		Female	13	12	12	12	11	6	6	6	6	6	6	6
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/1/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	2/13	2/12	2/12	2/12	2/11	2/6	2/6	2/6	2/6	2/6	2/6	2/6
50152	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/8	6/8	6/8	6/8	6/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50153	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	11	11	11	11	11	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/11	4/11	4/11	4/11	4/11	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50154	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/9	6/9	6/9	6/9	6/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50155	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/5	8/5	8/5	8/5	8/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50156	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/6	8/6	8/6	8/6	8/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50157	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/7	7/7	7/7	7/7	7/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50158	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/7	5/7	5/7	5/7	5/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50159	Alive :	Male	9	9	9	9	8	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/6	9/6	9/6	9/6	8/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50160	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/9	5/9	5/9	5/9	5/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50161	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/6	9/6	9/6	9/6	9/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50162	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/5	7/5	7/5	7/5	7/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50151	Alive :	Male	2	2
		Female	6	6
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	2/6	2/6
50152	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50153	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50154	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50155	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50156	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50157	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50158	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50159	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50160	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50161	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50162	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50251	Alive :	Male	13	13	12	12	12	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	13/4	13/4	12/4	12/4	12/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50252	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/8	6/8	6/8	6/8	6/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50253	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/7	6/7	6/7	6/7	6/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50254	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/4	6/4	6/4	6/4	6/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50256	Alive :	Male	7	7	7	7	7	5	5	5	5	5	5	5
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/3	7/3	7/3	7/3	7/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3
50257	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/9	7/9	7/9	7/9	7/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50258	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/10	6/10	6/10	6/10	6/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50259	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/4	7/4	7/4	7/4	7/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50260	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/6	7/6	7/6	7/6	7/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50262	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	5	5	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/5	5/5	5/4	5/4	5/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50251	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50252	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50253	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50254	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50256	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3
50257	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50258	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50259	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50260	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50262	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50351	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/8	8/8	8/8	8/8	8/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50352	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/8	6/8	6/8	6/8	6/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50353	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/8	8/8	8/8	8/8	8/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50354	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	11	11	11	11	11	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/11	4/11	4/11	4/11	4/11	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50355	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/4	8/4	8/4	8/4	8/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50356	Alive :	Male	8	8	8	8	7	5	5	5	5	5	5	5
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/3	8/3	8/3	8/3	7/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50357	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/8	7/8	7/8	7/8	7/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50358	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/5	9/5	9/5	9/5	9/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50359	Alive :	Male	7	6	6	6	6	4	4	4	4	4	4	4
		Female	8	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	1/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/8	6/7	6/7	6/7	6/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50360	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/6	7/6	7/6	7/6	7/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
		Thread-like tail	1/0	1/0	1/0	1/0	1/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
50361	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/8	8/8	8/8	8/8	8/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50362	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/9	4/9	4/9	4/9	4/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50351	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50352	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50353	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50354	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50355	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50356	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50357	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50358	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50359	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50360	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
		Thread-like tail	0/0	0/0
50361	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50362	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50451	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/10	6/10	6/10	6/10	6/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50452	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/10	4/10	4/10	4/10	4/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50453	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/9	8/9	8/9	8/9	8/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50454	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/9	6/9	6/9	6/9	6/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50455	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/7	7/7	7/7	7/7	7/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50456	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/7	9/7	9/7	9/7	9/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50457	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/7	7/7	7/7	7/7	7/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50458	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/5	7/5	7/5	7/5	7/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50459	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/4	5/4	5/4	5/4	5/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50460	Alive :	Male	2	2	2	2	2	2	2	2	2	2	2	2
		Female	7	7	7	7	7	6	6	6	6	6	6	6
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	2/7	2/7	2/7	2/7	2/7	2/6	2/6	2/6	2/6	2/6	2/6	2/6
50461	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/9	5/9	5/9	5/9	5/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50462	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/9	6/9	6/9	6/9	6/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50451	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50452	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50453	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50454	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50455	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50456	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50457	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50458	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50459	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50460	Alive :	Male	2	2
		Female	6	6
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	2/6	2/6
50461	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50462	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Litter size and viability index of offspring

Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

		/Postnatal Day						
		0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50151	Total	15	100.0	13	86.7	8	8	100.0
		(2/13)		(2/11)		(2/6)	(2/6)	
50152	Total	14	100.0	14	100.0	8	8	100.0
		(6/8)		(6/8)		(4/4)	(4/4)	
50153	Total	15	100.0	15	100.0	8	8	100.0
		(4/11)		(4/11)		(4/4)	(4/4)	
50154	Total	15	93.8	15	100.0	8	8	100.0
		(6/9)		(6/9)		(4/4)	(4/4)	
50155	Total	13	100.0	13	100.0	8	8	100.0
		(8/5)		(8/5)		(4/4)	(4/4)	
50156	Total	14	100.0	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
50157	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
50158	Total	12	100.0	12	100.0	8	8	100.0
		(5/7)		(5/7)		(4/4)	(4/4)	
50159	Total	15	100.0	14	93.3	8	8	100.0
		(9/6)		(8/6)		(4/4)	(4/4)	
50160	Total	14	100.0	14	100.0	8	8	100.0
		(5/9)		(5/9)		(4/4)	(4/4)	
50161	Total	15	100.0	15	100.0	8	8	100.0
		(9/6)		(9/6)		(4/4)	(4/4)	
50162	Total	12	100.0	12	100.0	8	8	100.0
		(7/5)		(7/5)		(4/4)	(4/4)	
Total		168		165		96	96	
Male/Female		76/92		75/90		46/50	46/50	
n		12	12	12	12	12	12	12
Mean			99.48		98.33			100.00
S.D.			1.79		4.14			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

		/Postnatal Day						
		0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50251	Total	17	94.4	16	94.1	8	8	100.0
		(13/4)		(12/4)		(4/4)	(4/4)	
50252	Total	14	100.0	14	100.0	8	8	100.0
		(6/8)		(6/8)		(4/4)	(4/4)	
50253	Total	13	100.0	13	100.0	8	8	100.0
		(6/7)		(6/7)		(4/4)	(4/4)	
50254	Total	10	100.0	10	100.0	8	8	100.0
		(6/4)		(6/4)		(4/4)	(4/4)	
50256	Total	10	100.0	10	100.0	8	8	100.0
		(7/3)		(7/3)		(5/3)	(5/3)	
50257	Total	16	94.1	16	100.0	8	8	100.0
		(7/9)		(7/9)		(4/4)	(4/4)	
50258	Total	16	100.0	16	100.0	8	8	100.0
		(6/10)		(6/10)		(4/4)	(4/4)	
50259	Total	11	91.7	11	100.0	8	8	100.0
		(7/4)		(7/4)		(4/4)	(4/4)	
50260	Total	13	100.0	13	100.0	8	8	100.0
		(7/6)		(7/6)		(4/4)	(4/4)	
50262	Total	10	100.0	9	90.0	8	8	100.0
		(5/5)		(5/4)		(4/4)	(4/4)	
Total		130		128		80	80	
Male/Female		70/60		69/59		41/39	41/39	
n		10	10	10	10	10	10	10
Mean			98.02		98.41			100.00
S.D.			3.26		3.49			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

		/Postnatal Day						
		0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50351	Total	16	100.0	16	100.0	8	8	100.0
		(8/8)		(8/8)		(4/4)	(4/4)	
50352	Total	14	100.0	14	100.0	8	8	100.0
		(6/8)		(6/8)		(4/4)	(4/4)	
50353	Total	16	100.0	16	100.0	8	8	100.0
		(8/8)		(8/8)		(4/4)	(4/4)	
50354	Total	15	93.8	15	100.0	8	8	100.0
		(4/11)		(4/11)		(4/4)	(4/4)	
50355	Total	12	100.0	12	100.0	8	8	100.0
		(8/4)		(8/4)		(4/4)	(4/4)	
50356	Total	11	100.0	10	90.9	8	8	100.0
		(8/3)		(7/3)		(5/3)	(5/3)	
50357	Total	15	100.0	15	100.0	8	8	100.0
		(7/8)		(7/8)		(4/4)	(4/4)	
50358	Total	14	100.0	14	100.0	8	8	100.0
		(9/5)		(9/5)		(4/4)	(4/4)	
50359	Total	15	100.0	13	86.7	8	8	100.0
		(7/8)		(6/7)		(4/4)	(4/4)	
50360	Total	14	100.0	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
50361	Total	16	100.0	16	100.0	8	8	100.0
		(8/8)		(8/8)		(4/4)	(4/4)	
50362	Total	13	100.0	13	100.0	8	8	100.0
		(4/9)		(4/9)		(4/4)	(4/4)	
Total		171		168		96	96	
Male/Female		85/86		83/85		49/47	49/47	
n		12	12	12	12	12	12	12
Mean			99.48		98.13			100.00
S.D.			1.79		4.45			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

		/Postnatal Day						
		0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50451	Total	16	100.0	16	100.0	8	8	100.0
		(6/10)		(6/10)		(4/4)	(4/4)	
50452	Total	14	100.0	14	100.0	8	8	100.0
		(4/10)		(4/10)		(4/4)	(4/4)	
50453	Total	17	100.0	17	100.0	8	8	100.0
		(8/9)		(8/9)		(4/4)	(4/4)	
50454	Total	15	100.0	15	100.0	8	8	100.0
		(6/9)		(6/9)		(4/4)	(4/4)	
50455	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
50456	Total	16	100.0	16	100.0	8	8	100.0
		(9/7)		(9/7)		(4/4)	(4/4)	
50457	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
50458	Total	12	100.0	12	100.0	8	8	100.0
		(7/5)		(7/5)		(4/4)	(4/4)	
50459	Total	9	69.2	9	100.0	8	8	100.0
		(5/4)		(5/4)		(4/4)	(4/4)	
50460	Total	9	100.0	9	100.0	8	8	100.0
		(2/7)		(2/7)		(2/6)	(2/6)	
50461	Total	14	100.0	14	100.0	8	8	100.0
		(5/9)		(5/9)		(4/4)	(4/4)	
50462	Total	15	100.0	15	100.0	8	8	100.0
		(6/9)		(6/9)		(4/4)	(4/4)	
Total		165		165		96	96	
Male/Female		72/93		72/93		46/50	46/50	
n		12	12	12	12	12	12	12
Mean			97.43		100.00			100.00
S.D.			8.89		0.00			0.00

Litter data on body weight of offspring

Generation : F1 Dose : Polyoxymethylene 0 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50151	Male	2	4.80	2	7.25	2	11.80	2	23.95
	Female	13	5.47	11	9.61	6	17.35	6	33.73
50152	Male	6	6.70	6	10.03	4	17.78	4	33.88
	Female	8	5.98	8	8.78	4	16.35	4	32.48
50153	Male	4	6.88	4	11.28	4	19.35	4	36.20
	Female	11	6.41	11	10.11	4	18.83	4	35.90
50154	Male	6	6.70	6	11.05	4	19.45	4	37.98
	Female	9	6.13	9	9.83	4	17.53	4	34.85
50155	Male	8	6.81	8	11.39	4	20.48	4	36.53
	Female	5	6.42	5	10.86	4	19.78	4	35.70
50156	Male	8	6.25	8	9.41	4	15.08	4	29.50
	Female	6	5.90	6	8.35	4	16.20	4	31.88
50157	Male	7	6.50	7	11.37	4	19.98	4	37.93
	Female	7	6.21	7	11.13	4	18.70	4	36.28
50158	Male	5	7.96	5	14.12	4	22.40	4	38.53
	Female	7	7.87	7	13.23	4	21.53	4	37.63
50159	Male	9	6.00	8	10.19	4	17.30	4	35.90
	Female	6	5.67	6	9.70	4	16.45	4	34.23
50160	Male	5	6.50	5	10.28	4	16.80	4	32.50
	Female	9	6.13	9	9.42	4	15.48	4	30.13
50161	Male	9	7.82	9	11.87	4	20.93	4	38.88
	Female	6	7.52	6	11.13	4	20.85	4	38.70
50162	Male	7	6.41	7	9.90	4	17.55	4	33.10
	Female	5	5.90	5	9.30	4	16.45	4	31.80
n	Male	76		75		46		46	
	Female	92		90		50		50	
Mean	Male		6.611		10.678		18.242		34.573
	Female		6.301		10.121		17.958		34.443
S.D.	Male		0.812		1.639		2.867		4.378
	Female		0.711		1.310		1.970		2.560

Litter data on body weight of offspring

Generation : F1 Dose : Polyoxymethylene 20 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50251	Male	13	5.72	12	9.74	4	15.98	4	32.08
	Female	4	5.48	4	9.40	4	14.78	4	31.08
50252	Male	6	6.83	6	11.08	4	20.00	4	36.38
	Female	8	6.28	8	9.88	4	18.15	4	33.45
50253	Male	6	7.05	6	11.18	4	18.63	4	35.25
	Female	7	6.70	7	10.60	4	17.13	4	32.10
50254	Male	6	6.85	6	12.32	4	19.88	4	35.93
	Female	4	6.48	4	10.98	4	17.98	4	33.55
50256	Male	7	7.00	7	12.67	5	21.06	5	37.62
	Female	3	7.10	3	12.73	3	21.13	3	37.30
50257	Male	7	6.20	7	9.27	4	18.00	4	36.63
	Female	9	6.07	9	9.02	4	16.78	4	34.93
50258	Male	6	6.62	6	11.20	4	18.88	4	36.53
	Female	10	5.79	10	9.17	4	17.08	4	33.60
50259	Male	7	6.57	7	10.56	4	17.50	4	31.90
	Female	4	6.78	4	11.25	4	17.63	4	32.53
50260	Male	7	7.47	7	11.27	4	19.48	4	33.48
	Female	6	7.07	6	10.90	4	18.35	4	31.68
50262	Male	5	7.96	5	12.44	4	18.15	4	30.93
	Female	5	7.64	4	11.20	4	16.40	4	28.55
n	Male	70		69		41		41	
	Female	60		59		39		39	
Mean	Male		6.827		11.173		18.756		34.673
	Female		6.539		10.513		17.541		32.877
S.D.	Male		0.624		1.117		1.449		2.372
	Female		0.655		1.154		1.633		2.338

Litter data on body weight of offspring

Generation : F1 Dose : Polyoxymethylene 60 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50351	Male	8	6.51	8	10.70	4	19.18	4	37.30
	Female	8	6.39	8	10.66	4	19.08	4	36.95
50352	Male	6	6.12	6	10.20	4	18.53	4	36.05
	Female	8	5.46	8	8.85	4	17.15	4	34.40
50353	Male	8	6.59	8	10.61	4	19.58	4	37.98
	Female	8	6.11	8	9.84	4	17.18	4	34.23
50354	Male	4	7.35	4	11.03	4	19.13	4	36.75
	Female	11	6.57	11	9.81	4	16.85	4	32.35
50355	Male	8	6.54	8	10.08	4	17.10	4	31.03
	Female	4	6.35	4	9.53	4	15.93	4	30.48
50356	Male	8	6.48	7	12.24	5	20.46	5	36.52
	Female	3	6.13	3	11.33	3	18.67	3	34.50
50357	Male	7	6.74	7	10.80	4	18.73	4	36.90
	Female	8	6.15	8	9.41	4	16.58	4	33.50
50358	Male	9	6.78	9	10.98	4	19.08	4	35.70
	Female	5	6.58	5	10.86	4	18.83	4	35.70
50359	Male	7	6.77	6	10.80	4	18.18	4	33.00
	Female	8	6.33	7	10.41	4	18.23	4	33.13
50360	Male	8	6.80	8	10.56	4	19.00	4	35.98
	Female	6	6.47	6	10.50	4	18.33	4	35.03
50361	Male	8	5.95	8	7.94	4	13.65	4	26.58
	Female	8	5.66	8	7.54	4	12.65	4	25.28
50362	Male	4	6.80	4	12.15	4	19.70	4	35.88
	Female	9	6.24	9	10.03	4	18.15	4	34.30
n	Male	85		83		49		49	
	Female	86		85		47		47	
Mean	Male		6.619		10.674		18.527		34.973
	Female		6.203		9.898		17.303		33.321
S.D.	Male		0.357		1.085		1.746		3.263
	Female		0.342		1.011		1.766		3.013

Litter data on body weight of offspring

Generation : F1 Dose : Polyoxymethylene 200 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50451	Male	6	6.35	6	9.05	4	16.78	4	31.18
	Female	10	6.02	10	8.94	4	15.80	4	30.18
50452	Male	4	6.40	4	10.48	4	17.90	4	35.93
	Female	10	5.98	10	9.98	4	17.20	4	33.80
50453	Male	8	6.51	8	8.83	4	15.30	4	31.33
	Female	9	6.16	9	8.42	4	16.05	4	32.40
50454	Male	6	6.32	6	9.12	4	16.53	4	30.20
	Female	9	5.93	9	8.94	4	16.00	4	29.05
50455	Male	7	6.56	7	9.86	4	16.88	4	31.85
	Female	7	6.39	7	9.73	4	16.78	4	31.30
50456	Male	9	6.47	9	10.49	4	18.53	4	34.48
	Female	7	6.13	7	9.74	4	17.50	4	33.50
50457	Male	7	7.47	7	10.96	4	18.68	4	33.93
	Female	7	6.97	7	10.66	4	17.43	4	32.18
50458	Male	7	7.41	7	12.81	4	21.05	4	37.85
	Female	5	6.86	5	11.74	4	18.75	4	35.23
50459	Male	5	7.44	5	10.92	4	18.40	4	34.78
	Female	4	6.88	4	10.43	4	16.68	4	32.10
50460	Male	2	8.10	2	14.90	2	22.45	2	39.35
	Female	7	8.10	7	14.96	6	22.37	6	38.67
50461	Male	5	8.22	5	13.12	4	21.73	4	38.98
	Female	9	7.57	9	12.30	4	20.38	4	37.03
50462	Male	6	7.30	6	10.57	4	16.83	4	31.33
	Female	9	6.69	9	9.68	4	14.48	4	28.63
n	Male	72		72		46		46	
	Female	93		93		50		50	
Mean	Male		7.046		10.926		18.422		34.266
	Female		6.640		10.460		17.452		32.839
S.D.	Male		0.694		1.834		2.243		3.208
	Female		0.680		1.809		2.157		3.035

Litter data on anogenital distance of offspring

Generation : F1 Dose : Polyoxymethylene 0 mg/kg Unit : mm Species : Rat

/Postnatal Day 4

Dam No.	Sex	n	AGD	AGD/$\sqrt[3]{BW}$
50151	Male	2	4.480	2.350
	Female	11	2.544	1.196
50152	Male	6	5.610	2.603
	Female	8	2.616	1.271
50153	Male	4	5.783	2.583
	Female	11	2.690	1.246
50154	Male	6	5.568	2.502
	Female	9	2.652	1.239
50155	Male	8	5.896	2.624
	Female	5	2.710	1.222
50156	Male	8	5.354	2.538
	Female	6	2.375	1.187
50157	Male	7	5.707	2.537
	Female	7	2.810	1.259
50158	Male	5	6.596	2.730
	Female	7	3.327	1.409
50159	Male	8	5.474	2.524
	Female	6	2.557	1.198
50160	Male	5	5.672	2.610
	Female	9	2.676	1.267
50161	Male	9	5.778	2.537
	Female	6	2.735	1.227
50162	Male	7	5.477	2.551
	Female	5	2.610	1.242
n	Male	75		
	Female	90		
Mean	Male		5.6163	2.5574
	Female		2.6918	1.2469
S.D.	Male		0.4772	0.0895
	Female		0.2285	0.0581

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : Polyoxymethylene 20 mg/kg Unit : mm Species : Rat

/Postnatal Day 4

Dam No.	Sex	n	AGD	AGD/$\sqrt[3]{BW}$
50251	Male	12	5.204	2.440
	Female	4	2.523	1.198
50252	Male	6	5.695	2.557
	Female	8	2.708	1.265
50253	Male	6	5.545	2.480
	Female	7	2.543	1.160
50254	Male	6	5.758	2.493
	Female	4	2.548	1.148
50256	Male	7	5.561	2.386
	Female	3	2.743	1.177
50257	Male	7	5.136	2.446
	Female	9	2.438	1.172
50258	Male	6	5.648	2.523
	Female	10	2.666	1.278
50259	Male	7	5.630	2.571
	Female	4	2.743	1.225
50260	Male	7	5.689	2.541
	Female	6	2.733	1.235
50262	Male	5	5.986	2.584
	Female	4	2.845	1.273
n	Male	69		
	Female	59		
Mean	Male		5.5852	2.5021
	Female		2.6490	1.2131
S.D.	Male		0.2513	0.0645
	Female		0.1286	0.0488

AGD : Anogenital Distance

Litter data on anogenital distance of offspring
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Unit : mm Species : Rat
/Postnatal Day 4

Dam No.	Sex	n	AGD	AGD/$\sqrt[3]{BW}$
50351	Male	8	5.510	2.503
	Female	8	2.769	1.259
50352	Male	6	5.503	2.540
	Female	8	2.593	1.259
50353	Male	8	5.488	2.498
	Female	8	2.518	1.176
50354	Male	4	5.833	2.620
	Female	11	2.742	1.281
50355	Male	8	5.466	2.535
	Female	4	2.618	1.235
50356	Male	7	6.043	2.631
	Female	3	2.857	1.273
50357	Male	7	5.367	2.430
	Female	8	2.680	1.271
50358	Male	9	5.441	2.449
	Female	5	2.692	1.216
50359	Male	6	5.508	2.492
	Female	7	2.676	1.226
50360	Male	7	5.716	2.604
	Female	6	2.905	1.327
50361	Male	8	5.168	2.594
	Female	8	2.468	1.260
50362	Male	4	5.673	2.470
	Female	9	2.621	1.223
n	Male	82		
	Female	85		
Mean	Male		5.5597	2.5305
	Female		2.6783	1.2505
S.D.	Male		0.2281	0.0683
	Female		0.1279	0.0385

AGD : Anogenital Distance

Litter data on anogenital distance of offspring
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Unit : mm Species : Rat
/Postnatal Day 4

Dam No.	Sex	n	AGD	AGD/$\sqrt[3]{BW}$
50451	Male	6	5.427	2.605
	Female	10	2.603	1.255
50452	Male	4	5.345	2.443
	Female	10	2.631	1.224
50453	Male	8	5.273	2.554
	Female	9	2.590	1.278
50454	Male	6	5.712	2.735
	Female	9	2.648	1.277
50455	Male	7	5.664	2.647
	Female	7	2.689	1.259
50456	Male	9	5.523	2.528
	Female	7	2.526	1.186
50457	Male	7	5.793	2.610
	Female	7	2.829	1.287
50458	Male	7	5.863	2.506
	Female	5	2.882	1.268
50459	Male	5	5.872	2.650
	Female	4	2.890	1.325
50460	Male	2	7.155	2.910
	Female	7	3.401	1.380
50461	Male	5	6.092	2.584
	Female	9	2.893	1.253
50462	Male	6	5.830	2.658
	Female	9	2.871	1.349
n	Male	72		
	Female	93		
Mean	Male		5.7958	2.6192
	Female		2.7878	1.2784
S.D.	Male		0.4916	0.1203
	Female		0.2356	0.0529

AGD : Anogenital Distance

Litter data on nipple retention of male offspring

Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50151	Male	2	0.0
50152	Male	4	0.0
50153	Male	4	0.0
50154	Male	4	0.0
50155	Male	4	0.0
50156	Male	4	0.0
50157	Male	4	0.0
50158	Male	4	0.0
50159	Male	4	0.0
50160	Male	4	0.0
50161	Male	4	0.0
50162	Male	4	0.0
n	Male	46	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50251	Male	4	0.0
50252	Male	4	0.0
50253	Male	4	0.0
50254	Male	4	0.0
50256	Male	5	0.0
50257	Male	4	0.0
50258	Male	4	0.0
50259	Male	4	0.0
50260	Male	4	0.0
50262	Male	4	0.0
n	Male	41	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50351	Male	4	0.0
50352	Male	4	0.0
50353	Male	4	0.0
50354	Male	4	0.0
50355	Male	4	0.0
50356	Male	5	0.0
50357	Male	4	0.0
50358	Male	4	0.0
50359	Male	4	0.0
50360	Male	4	0.0
50361	Male	4	0.0
50362	Male	4	0.0
n	Male	49	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50451	Male	4	0.0
50452	Male	4	0.0
50453	Male	4	0.0
50454	Male	4	0.0
50455	Male	4	0.0
50456	Male	4	0.0
50457	Male	4	0.0
50458	Male	4	0.0
50459	Male	4	0.0
50460	Male	2	0.0
50461	Male	4	0.0
50462	Male	4	0.0
n	Male	46	
Mean			0.00
S.D.			0.00

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Polyoxymethylene 0 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50151	46.7
50152	39.6
50153	43.8
50154	41.6
50155	44.3
50156	42.3
50157	50.0
50158	48.0
50159	42.6
50160	37.0
50161	43.5
50162	42.5
n	12
Mean	43.49
S.D.	3.54

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Polyoxymethylene 20 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50251	44.3
50252	43.0
50253	45.0
50254	46.6
50256	51.6
50257	44.5
50258	43.0
50259	47.5
50260	42.9
50262	43.4
n	10
Mean	45.18
S.D.	2.74

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Polyoxymethylene 60 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50351	43.2
50352	44.2
50353	49.7
50354	46.7
50355	35.2
50356	40.0
50357	42.3
50358	46.9
50359	44.9
50360	45.0
50361	39.3
50362	38.3
n	12
Mean	42.98
S.D.	4.14

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Polyoxymethylene 200 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50451	39.1
50452	37.9
50453	40.9
50454	35.2
50455	40.9
50456	40.6
50457	46.7
50458	46.2
50459	53.0
50460	43.7
50461	44.3
50462	46.9
n	12
Mean	42.95
S.D.	4.84

Necropsy findings of offspring
Generation : F1 Dose : Polyoxymethylene 0 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50151	8	Absent	0	
50152	8	Absent	0	
50153	8	Absent	0	
50154	8	Absent	1	Absent (Day 0)
50155	8	Absent	0	
50156	8	Absent	0	
50157	8	Absent	0	
50158	8	Absent	0	
50159	8	Absent	0	
50160	8	Absent	0	
50161	8	Absent	0	
50162	8	Absent	0	
Total	96		1	
n	12		1	

Necropsy findings of offspring
Generation : F1 Dose : Polyoxymethylene 20 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50251	8	Absent	1	Absent (Day 0)
50252	8	Absent	0	
50253	8	Absent	0	
50254	8	Absent	0	
50256	8	Absent	0	
50257	8	Absent	1	Absent (Day 0)
50258	8	Absent	0	
50259	8	Absent	1	Absent (Day 0)
50260	8	Absent	0	
50262	8	Absent	0	
Total	80		3	
n	10		3	

Necropsy findings of offspring
Generation : F1 Dose : Polyoxymethylene 60 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50351	8	Absent	0	
50352	8	Absent	0	
50353	8	Absent	0	
50354	8	Absent	1	Absent (Day 0)
50355	8	Absent	0	
50356	8	Absent	0	
50357	8	Absent	0	
50358	8	Absent	0	
50359	8	Absent	0	
50360	8	Absent	0	
50361	8	Absent	0	
50362	8	Absent	0	
Total	96		1	
n	12		1	

Necropsy findings of offspring
Generation : F1 Dose : Polyoxymethylene 200 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50451	8	Absent	0	
50452	8	Absent	0	
50453	8	Absent	0	
50454	8	Absent	0	
50455	8	Absent	0	
50456	8	Absent	0	
50457	8	Absent	0	
50458	8	Absent	0	
50459	8	Absent	4	Absent (Day 0)
50460	8	Absent	0	
50461	8	Absent	0	
50462	8	Absent	0	
Total	96		4	
n	12		1	

検査成績書

2020年10月12日

[redacted]

株式会社　化合物安全性研究所　御中

Code No.162-16065

パラホルムアルデヒド

規格／等級	組織固定用
Lot No.	[redacted]
数量	500g × 3

検査項目	検査成績	規格値
外観	白色の粉末	白色の粉末
水酸化ナトリウム溶液溶状	澄明	試験適合(澄明)
緩衝液溶状	澄明	試験適合(澄明)
酸(HCOOHとして)	0.02%以下	0.02%以下
含量(ホルムアルデヒドとして)	96.2%	94.0%以上
検査年月日	2020/03/31	

判　定	合格	検査責任者	[redacted]

(1/1)　成績書発行番号　9643629

最終報告書

試験名

調製液中のポリ(オキシメチレン)の均一性および安定性試験、

ならびに濃度確認試験

著 者

[redacted]

試験終了日

2021年3月1日

TRUE COPY OF ORIGINAL
3/2/21 M.Su

試験施設

株式会社日曹分析センター 小田原事業所

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試験委託者

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試験番号

NCAS 20-171

GLP 適合陳述書

試験番号： NCAS 20-171

試験名： 調製液中のポリ(オキシメチレン)の均一性および安定性試験、ならびに濃度確認試験

この試験は、以下の GLP に従って実施した。
「新規化学物質等に係る試験を実施する試験施設に関する基準について」(平成 23 年 3 月 31 日 薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号)

この試験はここに述べられた方法により行われ、この最終報告書は試験実施により得られた生データを正確に反映したものである。

試験責任者： [redacted] 2021 年 3 月 1 日
株式会社日曹分析センター 小田原事業所

信頼性保証書

試験番号：NCAS 20-171
試験名：調製液中のポリ(オキシメチレン)の均一性および安定性試験、ならびに濃度確認試験

上記試験の信頼性保証に関する監査および査察を適用 GLP 規則および信頼性保証部門（QAU）の標準操作手順書（SOP）に基づいて実施した。監査および査察の結果は以下の日付で運営管理者および試験責任者に報告した。

監査または査察項目	日付（月／日／年）	
	監査または査察日	報告日
試験計画書	11/17/2020	11/17/2020
試験計画書変更届 1	12/2/2020	12/3/2020
実験操作		
・赤外吸収スペクトル測定	11/18, 19/2020	11/19/2020
・標準原液の調製	11/18, 19/2020	11/19/2020
・標準溶液の調製	11/18, 19/2020	11/19/2020
・被験溶液の調製（安定性確認）	11/18, 19/2020	11/19/2020
・HPLC 測定	11/18, 19/2020	11/19/2020
・分析試料の受領	12/4/2020	12/8/2020
・調製液からの抽出・希釈・誘導体化	12/4, 8/2020	12/8/2020
生データおよび試験関連資料	2/17-19/2021	2/24/2021
報告書草案	2/17-19/2021	2/24/2021
最終報告書	3/1/2021	3/1/2021

QAU は上記監査および査察の結果、本試験が試験計画書および SOP に従って実施され、報告された方法や手順が実際に使われたものであり、試験の実施過程において得られた生データが正確に最終報告書に反映されていることを確認した。

QAU 責任者 [redacted] 2021 年 3 月 1 日

株式会社日曹分析センター（NCAS）

試験情報

試験番号： NCAS 20-171
試験名： 調製液中のポリ(オキシメチレン)の均一性および安定性試験、ならびに濃度確認試験
報告書番号： NCAS 20-171

試験委託者： 株式会社化合物安全性研究所 安全性研究部
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TEL 0465-42-3115 FAX 0465-42-3586

試験責任者：
試験従事者：

試験開始日： 2020 年 11 月 17 日
実験開始日： 2020 年 11 月 18 日
実験終了日： 2021 年 2 月 8 日
試験終了日： 2021 年 3 月 1 日

適用ガイドライン：なし。

関連する試験： 試験番号 SR20234；ポリ(オキシメチレン)のラットにおける反復投与毒性・生殖発生毒性併合試験
試験番号 NCAS 20-170NG；調製液中のポリ(オキシメチレン)の分析法検討および分析法確認試験

試資料保管： 本試験に関する全ての文書は、当試験施設の資料室に該当通知後 10 年間保管する。その後の保管場所については、試験委託者と協議して決定する。測定対象物質(保管用サンプル)は該当通知後 10 年間保管する。ただし、その品質が評価に耐えられなくなった場合はそれまでとする。

SOP および試験計画書からの逸脱：
本試験において、SOP および試験計画書からの逸脱はなかった。

試験成績の信頼性に影響を及ぼしたと思われる環境要因：
本試験において、試験成績の信頼性に影響を及ぼしたと思われる環境要因はなかった。

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概要

株式会社化合物安全性研究所からの委託により、調製液中のポリ(オキシメチレン)の均一性および安定性試験、ならびに濃度確認試験を実施した。

2020 年 11 月 18 日に FT-IR(ATR 法)を用いて測定対象物質の IR スペクトルを測定し、委託者より提供された IR スペクトルと比較した。両者の IR スペクトルは一致しており、測定対象物質の同一性を確認した。

調製液中のポリ(オキシメチレン)の安定性を確認するため、4 mg/mL および 40 mg/mL 模擬調製液を 2020 年 11 月 18 日に試験施設で調製し、高速液体クロマトグラフ(HPLC)を用いて調製直後の測定対象物質濃度を確認した。これら模擬調製液を室温で 14 日間保存した。2020 年 12 月 3 日に HPLC を用いて保存後の測定対象物質濃度を確認した。調製直後および保存後の模擬調製液中の測定対象物質濃度を比較して、残存率を算出した結果、4 mg/mL 模擬調製液の残存率は 99.7%、40 mg/mL 模擬調製液の残存率は 102.6%であり、判定基準（100%±15%以内）を満たした。

また、トウモロコシ油中に遊離したホルムアルデヒドの有無を確認した結果、測定対象物質濃度は模擬調製液の調製直後および 14 日間室温保管後ともに定量下限未満であった。

以上の結果、調製液中のポリ(オキシメチレン)は調製後、室温保存 14 日間後まで安定であることを確認した。トウモロコシ油中に遊離したホルムアルデヒドは測定対象物質の定量に影響はなく、14 日間室温保存後も増加していないことを確認した。

試験委託者が実施する毒性試験（委託者試験番号 SR20234）における初回および最終回投与に用いた調製液を、試験委託者より 2020 年 12 月 4 日および 2020 年 12 月 25 日に受領し、それら調製液中の測定対象物質の濃度確認試験を、HPLC を用いて行った。濃度確認試験は各調製濃度中層で実施した。調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および 15%以内であり、判定基準を満たした（下表参照）。

また、試験委託者より 2020 年 12 月 4 日に受領した 4 mg/mL および 40 mg/mL 調製液の測定対象物質の均一性試験を、HPLC を用いて行った。調製液 3 層（上層、中層、下層）中の測定対象物質濃度の相対標準偏差 15%以内であり、判定基準を満たした（下表参照）。

以上の結果、調製液中のポリ(オキシメチレン)が設定濃度に調製されていることを確認した。また、調製液は均一であることを確認した。

試験委託者が実施する毒性試験（委託者試験番号 SR20234）における最終投与日以降の 2021 年 2 月 8 日に、測定対象物質の IR スペクトルを測定し、2020 年 11 月 18 日に測定した IR スペクトルと比較した。両者の IR スペクトルは一致しており、実験期間中の測定対象物質が安定であったことを確認した。

Received date	Nominal concentration (mg/mL)	Position	Determined concentration		Uniformity		Criteria	
			Mean (mg/mL)	RSD* (%)	Mean determined conc. (mg/mL)	RSD* (%)	Mean conc. (mg/mL)	RSD* (%)
December 4, 2020	4	Upper	3.526	1.1	3.685	4.1	4±0.6	≦15
		Middle	3.706	1.1				≦15
		Lower	3.823	0.5				≦15
	12	Middle	11.99	1.2	—	—	12±1.8	≦15
	40	Upper	40.33	1.6	40.35	0.6	40±6	≦15
		Middle	40.62	0.5				≦15
		Lower	40.11	1.4				≦15
December 25, 2020	4	Middle	3.848	2.9	—	—	4±0.6	≦15
	12	Middle	11.78	3.5	—	—	12±1.8	≦15
	40	Middle	38.98	0.1	—	—	40±6	≦15

* relative standard deviations

緒言

株式会社化合物安全性研究所からの委託により、調製液中のポリ(オキシメチレン)の均一性・安定性試験・濃度確認およびポリ(オキシメチレン)の同一性確認・安定性確認を実施した。

実験材料および方法

1. 測定対象物質

名称： ポリ(オキシメチレン)
別名： パラホルムアルデヒド
CAS No.： 30525-89-4
分子式： $(HCHO)_n$
ロット番号： [redacted]
入手先： 株式会社化合物安全性研究所
入手日： 2020年10月14日
純度： 96.2% [redacted]検査成績書)
有効期限： 2021年10月14日
入手量： 500 g
NCAS 検索番号： STD-1729
保存条件： 室温、プラスチックボトル

2. 試薬および機器

水 (超純水)： Milli-Q 水・純水(Elix 水)製造システム(Milli-Q Integral 3、日本ミリポア(株))で製造した Milli-Q 水
アセトニトリル： HPLC 用、富士フイルム和光純薬(株)
ヘキサン： HPLC 用、富士フイルム和光純薬(株)
りん酸： HPLC 用、85%、富士フイルム和光純薬(株)
りん酸水溶液(1+4)： りん酸を水で5倍希釈した。
2,4-ジニトロフェニルヒドラジン(2,4-DNPH)： 試薬特級、誘導体化試薬、富士フイルム和光純薬(株)
希釈2,4-DNPH溶液： 2,4-ジニトロフェニルヒドラジン約0.1 g をアセトニトリルで100 mL に定容した。
1 mol/L 水酸化ナトリウム水溶液： 容量分析用、富士フイルム和光純薬(株)
0.1 mol/L 水酸化ナトリウム水溶液： 1 mol/L 水酸化ナトリウム水溶液を水で10倍希釈した。
トウモロコシ油： 試薬(Reagent)、ナカライテスク株式会社
天秤： XP205、メトラー・トレド(株)
超音波洗浄器： MCD-3、アズワン(株)
振とう機： SR-2DS、タイテック
遠心分離機： H-9R、株式会社コクサン
スターラー： MAGNETIC STIRRER IS-3BJ、株式会社池田理化
サーモレコーダー： RTR-52、(株)ティアンドデイ

マイクロピペット： 100-1000 µL、Eppendorf
100-1000 µL、Gilson
メノウ乳鉢： 深型、65 mm×80 mm×30 mm、AS ONE
ディスポーザブルシリンジ： テルモシリンジ 5 mL、テルモ(株)
フィルター： クロマトディスク 13P、0.45 µm、ジーエルサイエンス(株)
フーリエ変換赤外分光光度計 (FT-IR)：Spectrum One、PerkinElmer(株)
高速液体クロマトグラフ (HPLC)：
送液装置： LC-10ADvp、(株)島津製作所
検出器： SPD-10Avp、(株)島津製作所
恒温槽： CTO-10Avp、(株)島津製作所
オートインジェクタ：SIL-10ADvp、(株)島津製作所
データ処理装置： CLASS-VP、(株)島津製作所
カラム： Inertsil ODS-3V、5 µm、4.6 mm i.d. × 150 mm、Lot No.4BI83052、GL Sciences Inc.

3. 調製液

2020 年 12 月 4 日および 2020 年 12 月 25 日に、毒性試験施設で調製した 4、12 および 40 mg/mL の調製液を受領した。受領した試料は即日分析した。残余試料は試験委託者の了解を得て廃棄した。

	調製日 (毒性試験施設)	受領日 (試験施設)
初回調製	2020 年 12 月 2 日	2020 年 12 月 4 日
最終回調製	2020 年 12 月 23 日	2020 年 12 月 25 日

4. 実験操作

本分析法はポリ(オキシメチレン)を塩基性条件下でホルムアルデヒドに分解し、酸性条件下にした後、誘導体化試薬と反応させて 2,4-DNPH-formaldehyde として定量した。

4.1. 測定対象物質の同一性

FT-IR（ATR 法）を用いて測定対象物質の IR スペクトルを測定し、委託者提供の IR スペクトルとの比較により同一性を確認した。

2020 年 11 月 18 日に、次の条件で IR スペクトルを測定した。

<FT-IR 測定条件>

測定法： ATR 法
測定波数： 4000～400 cm^{-1}
分解能： 4 cm^{-1}
積算回数： 4 回

4.2. 測定対象物質の安定性

試験委託者が実施する毒性試験（委託者試験番号 SR20234）における最終投与日以降に、FT-IR（ATR 法）を用いて測定対象物質の IR スペクトルを測定し、4.1 項にて測定したスペクトルと比較した。スペクトルが一致した場合、実験期間中の測定対象物質は安定であったと判断した。

2021 年 2 月 8 日に、4.1 項に記載の条件で IR スペクトルを測定した。測定は室温で実施した。

4.3. HPLC 条件

カラム： Inertsil ODS-3V、5 μm、4.6 mm i.d. × 150 mm、GL Sciences Inc.
移動相： アセトニトリル + 水=45+55 (v/v)
流速： 1.0 mL/min
カラム温度： 40℃
検出波長： 360 nm
注入量： 10 μL

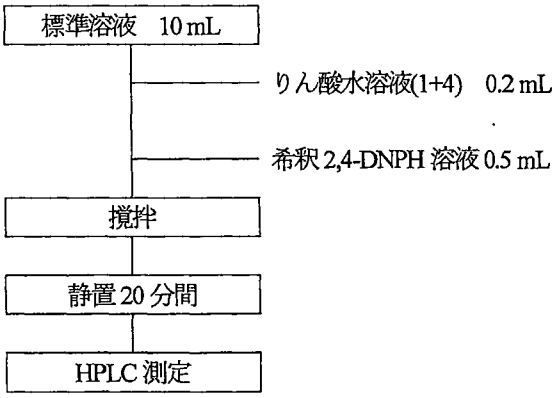
4.4. 標準溶液の調製

測定対象物質約 10 mg を 100 mL 容メスフラスコに秤量し、0.1 mol/L 水酸化ナトリウム水溶液を加えて完全に溶解させた後、水で定容して約 100 mg/L の標準原液 No. ST100 を調製した。この液を次表に従い水で希釈して標準溶液 No. SS50～SS1000 を調製した。標準原液 No.および標準溶液 No.には調製月日(mmdd)を付して識別した。濃度の有効数字は 4 桁とした。

Standard solution No.	Source solution		Dilution volume (mL)	Nominal concentration (μg/L)
	No.	Volume (mL)		
SS50 (mmdd)	SS1000 (mmdd)	1	20	50
SS100 (mmdd)	SS1000 (mmdd)	2	20	100
SS200 (mmdd)	SS1000 (mmdd)	4	20	200
SS500 (mmdd)	SS1000 (mmdd)	10	20	500
SS1000 (mmdd)	ST100 (mmdd)	1	100	1000

4.5. 標準溶液の誘導体化

4.4 項で調製した標準溶液 (SS50～SS1000) を次のフローに従い誘導体化した。



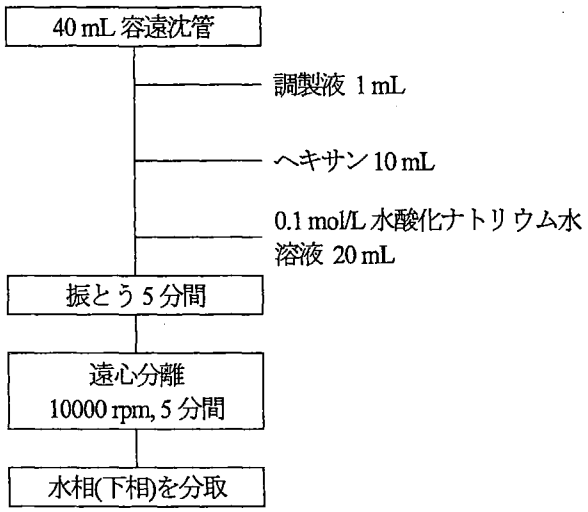
4.6. 検量線

4.5 項で誘導体化した標準溶液を 4.3 項に示す HPLC 条件で分析し、得られたクロマトグラム上の 2,4-DNPH-formaldehyde のピーク面積を得た。得られたピーク面積を縦軸に、2,4-DNPH-formaldehyde (μg/L)を横軸としてグラフを作成するとともに、回帰直線の傾き、y 切片および相関係数(r)を算出した。計算には Microsoft Office Excel 2010 (SP2 MSO)を用いた。

4.7. 調製液中のポリ(オキシメチレン)の濃度測定

4.7.1 抽出

3 項の調製液を次のフローに従い抽出した。別に、トウモロコシ油 1 mL を次のフローに従い同様に抽出し対照溶液とした(n=1)。調製液は均一になるように十分に転倒混和した後、スターラーで撹拌しながら分取した。



4.7.2 希釈

4.7.1 項で分取した水相を次のように水で希釈した。対照溶液の水相は 4 mg/mL 調製液と同様の希釈倍率とした。

4 mg/mL 調製液

分取した水相 1 mL に水を加えて 20 mL とした。この液 1 mL に水を加えて 20 mL として被験溶液とした。(n=2、400 倍希釈)

12 mg/mL 調製液

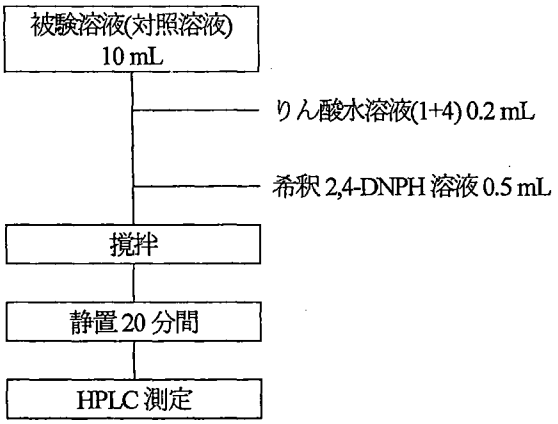
分取した水相 1 mL に水を加えて 50 mL とした。この液 1 mL に水を加えて 25 mL として被験溶液とした。(n=2、1250 倍希釈)

40 mg/mL 調製液

分取した水相 1 mL に水を加えて 200 mL とした。この液 1 mL に水を加えて 20 mL として被験溶液とした。(n=2、4000 倍希釈)

4.7.3 誘導体化

4.7.2 項で希釈した被験溶液および対照溶液を次のフローに従い誘導体化した。



誘導体化した被験溶液および対照溶液を 4.3 項に示す HPLC 条件で分析し、得られたクロマトグラム上の 2,4-DNPH-formaldehyde のピーク面積を得た。予め作成した検量線より、被験溶液中の 2,4-DNPH-formaldehyde 濃度を算出した。濃度の有効数字は 4 桁とした。次式を用いて調製液中の測定対象物質濃度を求めた。また、調製液中の測定対象物質濃度の平均値および相対標準偏差を求めた。判定基準は、平均値が設定濃度±15%以内および相対標準偏差が 15%以内とした。

$$\text{水相中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の 2,4-DNPH-formaldehyde (μg/L)} \times \text{希釈倍率}}{10^6}$$

$$\text{調製液中の測定対象物質濃度 (mg/mL)} = \text{水相中の測定対象物質(mg/mL)} \times 20$$

Received date	Dosing suspension		Position	Dilution factor	Test solution (μg/L)	
	Nominal conc. (mg/mL)	No.			Nominal conc. (μg/L)	No.
December 4, 2020	4	P2	Middle	8000	500	P2-1, P2-2
	12	P4	Middle	25000	480	P4-1, P4-2
	40	P6	Middle	80000	500	P6-1, P6-2
December 25, 2020	4	P8	Middle	8000	500	P8-1, P8-2
	12	P9	Middle	25000	480	P9-1, P9-2
	40	P10	Middle	80000	500	P10-1, P10-2

4.8. 調製液中のポリ(オキシメチレン)の均一性確認

2020 年 12 月 4 日に受領した 3 項の均一性確認用調製液(4 mg/mL および 40 mg/mL、上層・中層・下層)を 4.7.1 ～4.7.3 項のフローに従い抽出、希釈および誘導体化して被験溶液を調製した(n=2)。調製液は均一になるように十分に転倒混和した後、撹拌しながら分取した。

被験溶液を 4.3 項に示す HPLC 条件で分析し、得られたクロマトグラム上の 2,4-DNPH-formaldehyde のピーク面積を得た。予め作成した検量線より、被験溶液中の 2,4-DNPH-formaldehyde 濃度を算出した。濃度の有効数字は 4 桁とした。4.7.3 項の式を用いて調製液中の測定対象物質濃度を算出し、各濃度の上層、中層および下層それぞれ 2 連で測定した平均濃度を求めた。また、調製液中の各層の測定対象物質濃度の平均値および相対標準偏差を求めた。判定基準は、各濃度の相対標準偏差が 15%以内とした。

Received date	Dosing suspension		Position	Dilution factor	Test solution (μg/L)	
	Nominal conc. (mg/mL)	No.			Nominal conc. (μg/L)	No.
December 4, 2020	4	P1	Upper	8000	500	P1-1, P1-2
		P2	Middle	8000	500	P2-1, P2-2
		P3	Lower	8000	500	P3-1, P3-2
	40	P5	Upper	80000	500	P5-1, P5-2
		P6	Middle	80000	500	P6-1, P6-2
		P7	Lower	80000	500	P7-1, P7-2

4.9. 調製液中のポリ(オキシメチレン)の安定性確認

測定対象物質 202.73 mg および 2044.43 mg をそれぞれ正確に秤量し、メノウ乳鉢中でトウモロコシ油を少しずつ加えて乳棒でよく混和した。この懸濁液をトウモロコシ油で共洗いしながら 50 mL 容共栓付きメスシリンダーに移し、定容して 4 mg/mL 模擬調製液 No. DS4 および 40 mg/mL 模擬調製液 No. DS40 を調製した。定容後、均一になるように十分に転倒混和した。模擬調製液を 4.7.1 項のフローに従い抽出操作を行い、分取した水相は次のように希釈して被験溶液を調製した。

また、トウモロコシ油中に遊離したホルムアルデヒドの有無を確認するため、40 mg/mL 模擬調製液は 0.1 mol/L 水酸化ナトリウム水溶液の代わりに水で抽出した被験溶液も調製した(n=2、被験溶液 No. DS40w)。水で抽出後、分取した水相に浮遊物がみられたため、フィルターろ過した。

別に、トウモロコシ油 1 mL を 4.7.1 項のフローに従い同様に対照溶液を調製した(n=1)。対照溶液の水相は 4 mg/mL 模擬調製液と同様の希釈倍率とした。

<u>4 mg/mL 模擬調製液</u>

分取した水相 1 mL に水を加えて 20 mL とした。この液 1 mL に水を加えて 20 mL として被験溶液とした。(n=2、400 倍希釈)

<u>40 mg/mL 模擬調製液</u>

分取した水相 1 mL に水を加えて 200 mL とした。この液 1 mL に水を加えて 20 mL として被験溶液とした。(n=2、4000 倍希釈)

4.7.3 項のフローに従い誘導体化した被験溶液および対照溶液を 4.3 項に示す HPLC 条件で分析し、得られたクロマトグラム上の 2,4-DNPH-formaldehyde のピーク面積を得た。予め作成した検量線より、被験溶液および対照溶液中の 2,4-DNPH-formaldehyde 濃度を算出した。濃度の有効数字は 4 桁とした。4.7.3 項の式を用いて調製直後の模擬調製液中の測定対象物質濃度を求めた。

4 mg/mL および 40 mg/mL 模擬調製液を室温 14 日間保存した。保存後の模擬調製液中の測定対象物質濃度を上記と同様に算出し、次式を用いて残存率を求めた。判定基準は残存率 100%±15%以内とした。

Dosing suspension				Dilution factor	Test solution (μg/L)	
Nominal conc. (mg/mL)	Prepared conc. (mg/mL)	Storage	No.		Prepared conc. (μg/L)	No.
4	4.055	Before	DS4	8000	506.8	DS4-1, DS4-2
		After		8000	506.8	DS4-3, DS4-4
40	40.89	Before	DS40	80000	511.1	DS40-1, DS40-2
		After		80000	511.1	DS40-3, DS40-4
		Before	DS40w	80000	511.1	DS40w-1, DS40w-2
		After		80000	511.1	DS40w-3, DS40w-4

$$\text{残存率 (\%)} = \frac{\text{保存後の測定対象物質平均濃度}}{\text{調製直後の測定対象物質平均濃度}} \times 100$$

結果および考察

調製液中のポリ(オキシメチレン)の安定性試験・濃度確認およびポリ(オキシメチレン)の同一性確認・安定性確認を実施した結果を以下に示す。

測定対象物質の同一性

2020年11月18日に測定した測定対象物質のIRスペクトルをFig. 1、流動パラフィンのIRスペクトルをFig. 2、測定対象物質と流動パラフィンのIRスペクトルの重ね合わせをFig. 3に示す。委託者提供のIRスペクトルをFig. 4に示す。

委託者提供のIRスペクトルはヌジョール法で測定されたスペクトルである。ヌジョール法は試料を流動パラフィンに分散させて調製する測定法であり、試料および流動パラフィン両方の特有な吸収が見られる。

測定対象物質のIRスペクトル(Fig. 1)と流動パラフィンのIRスペクトル(Fig. 2)を重ね合わせると(Fig. 3)、委託者提供のIRスペクトルとパターンが一致しており、同一性を確認した。

測定対象物質の安定性

試験委託者が実施する毒性試験（委託者試験番号SR20234）における最終投与日以降である2021年2月8日に測定した測定対象物質のIRスペクトルをFig. 5に示す。2020年11月18日に測定したIRスペクトル（Fig. 1）と比較した結果、両者のIRスペクトルは一致しており、実験期間中の測定対象物質が安定であったことを確認した。

調製液中のポリ(オキシメチレン)の安定性確認

標準溶液の測定結果をTable 1に示す。模擬調製液中の測定対象物質の濃度測定結果をTable 2に示す。検量線の一例をFig. 6に示す。水のクロマトグラム例をFig. 7に示す。標準溶液のクロマトグラム例をFig. 8～Fig. 12に示す。対照溶液のクロマトグラム例をFig. 13に示す。被験溶液のクロマトグラム例をFig. 14～Fig. 19に示す。

模擬調製液を室温（19.8～27.0 ℃）で14日間保存した結果、4 mg/mL模擬調製液の残存率は99.7%、40 mg/mL模擬調製液の残存率は102.6%であり、判定基準（100%±15%以内）を満たした。

また、トウモロコシ油中に遊離したホルムアルデヒドの有無を確認した結果、測定対象物質濃度は模擬調製液の調製直後および14日間室温保管後ともに定量下限未満であった。

以上の結果、調製液中のポリ(オキシメチレン)は調製後、室温14日後まで安定であることを確認した。

トウモロコシ油中に遊離したホルムアルデヒドは測定対象物質の定量に影響はなく、14日間室温保存後も増加していないことを確認した。

調製液中のポリ(オキシメチレン)の濃度測定

調製液中の測定対象物質の濃度測定結果をTable 3に示す。被験溶液のクロマトグラム例をFig. 21、Fig. 23およびFig. 25に示す。

調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および15%以内であり、判定基準を満たした。

以上の結果、調製液中のポリ(オキシメチレン)が設定濃度に調製されていることを確認した。

調製液中のポリ(オキシメチレン)の均一性確認

調製液中の測定対象物質の濃度測定結果を Table 4 に示す。被験溶液のクロマトグラム例を Fig. 20～Fig. 22、Fig. 24～Fig. 26 に示す。

調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および 15%以内であり、判定基準を満たした。

以上の結果、調製液中のポリ(オキシメチレン)は均一であることを確認した。

結論

本試験において、FT-IR(ATR 法)を用いてポリ(オキシメチレン)の同一性および安定性を確認した。また、HPLC を用いて調製液中のポリ(オキシメチレン)が設定濃度に調製されていること、均一性および安定性（室温保存 14 日間安定）を確認した。

Table 1 Results of the standard solutions

Experiment	Standard solution No.	Concentration (μg/L)	Peak area	Regression equation Correlation coefficient
Stability of the Polyoxymethylene concentration in the dosing solution	SS50 (1118)	50.20	6115	Regression equation: y = 128.9 x + 401.6 Correlation coefficient: 0.9995 (analyzed date: November 18, 2020)
	SS100 (1118)	100.4	12766	
	SS200 (1118)	200.8	26125	
	SS500 (1118)	502.0	67844	
	SS1000 (1118)	1004	128579	
	SS50 (1203)	50.20	6185	Regression equation: y = 130.9 x + 277.5 Correlation coefficient: 0.9999 (analyzed date: December 3, 2020)
	SS100 (1203)	100.4	13374	
	SS200 (1203)	200.8	26515	
	SS500 (1203)	502.0	67365	
	SS1000 (1203)	1004	131009	
Uniformity and determination of the Polyoxymethylene concentration in the dosing solution	SS50 (1204)	50.10	6053	Regression equation: y = 128.6 x − 200.1 Correlation coefficient: 0.9997 (analyzed date: December 4, 2020)
	SS100 (1204)	100.2	12639	
	SS200 (1204)	200.4	24509	
	SS500 (1204)	501.0	66347	
	SS1000 (1204)	1002	127794	
Determination of the Polyoxymethylene concentration in the dosing solution	SS50 (1225)	50.20	6256	Regression equation: y = 128.4 x + 232.5 Correlation coefficient: 0.9999 (analyzed date: December 25, 2020)
	SS100 (1225)	100.4	12543	
	SS200 (1225)	200.8	26884	
	SS500 (1225)	502.0	65169	
	SS1000 (1225)	1004	128838	

Table 2 Results of the stability of the test article (Polyoxymethylene) concentrations in the dosing suspensions

Test solution No.	Storage	Prepared conc. (mg/mL)	Dilution factor	Peak area	Detected conc. (μg/L)	Determined conc. (mg/mL) Individual	Determined conc. (mg/mL) Mean	Residual rate (%)
DS4-1	Before*	4.055	8000	66871	515.7	4.125	4.099	99.7
DS4-2				66029	509.1	4.073		
DS4-3	After*			67058	510.3	4.083	4.087	
DS4-4				67194	511.4	4.091		
DS40-1	Before*	40.89	80000	65869	507.9	40.63	40.68	102.6
DS40-2				66033	509.2	40.73		
DS40-3	After*			69525	529.2	42.33	41.74	
DS40-4				67595	514.4	41.15		
DS40w-1	Before*	40.89	80000	691	<LOQ	—	—	—
DS40w-2				1253	<LOQ	—		
DS40w-3	After*			N.D.	—	—	—	
DS40w-4				N.D.	—	—		

*Before: November 18, 2020, After: December 3, 2020

DS40w: Extracted with water instead of 0.1 mol/L aqueous sodium hydroxide solution.

$$\text{Residual rate (\%)} = \frac{\text{Polyoxymethylene concentration after storage}}{\text{Polyoxymethylene concentration before storage}} \times 100$$

Table 3 Results of the determination of the test article (Polyoxymethylene) concentrations in the dosing suspensions

Received date	Test solution No.	Nominal conc. (mg/mL)	Position	Dilution factor	Peak area	Detected conc. (μg/L)	Determined conc. Individual (mg/mL)	Determined conc. Mean (mg/mL)	Determined conc. RSD (%)	Criteria Mean (mg/mL)	Criteria RSD (%)
December 4, 2020	P2-1	4	Middle	8000	59840	467.0	3.736	3.706	1.1	4±0.6	≦15
	P2-2				58882	459.5	3.676				
	P4-1	12	Middle	25000	61974	483.6	12.09	11.99	1.2	12±1.8	≦15
	P4-2				60942	475.5	11.89				
	P6-1	40	Middle	80000	64832	505.8	40.46	40.62	0.5	40±6	≦15
	P6-2				65334	509.7	40.78				
December 25, 2020	P8-1	4	Middle	8000	63258	490.8	3.926	3.848	2.9	4±0.6	≦15
	P8-2				60761	471.3	3.771				
	P9-1	12	Middle	25000	62274	483.1	12.08	11.78	3.5	12±1.8	≦15
	P9-2				59261	459.7	11.49				
	P10-1	40	Middle	80000	62771	487.0	38.96	38.98	0.1	40±6	≦15
	P10-2				62842	487.5	39.00				

Table 4 Results of the uniformity of the test article (Polyoxymethylene) concentrations in the dosing suspensions

Received date	Test solution No.	Nominal conc. (mg/mL)	Position	Dilution factor	Peak area	Detected conc. (μg/L)	Determined conc. Individual (mg/mL)	Determined conc. Mean (mg/mL)	Determined conc. RSD (%)	Criteria RSD (%)
December 4, 2020	P1-1	4	Upper	8000	56895	444.1	3.552	3.685	4.1	≦15
	P1-2				56045	437.4	3.500			
	P2-1		Middle	8000	59840	467.0	3.736			
	P2-2				58882	459.5	3.676			
	P3-1		Lower	8000	61462	479.6	3.837			
	P3-2				61015	476.1	3.809			
	P5-1	40	Upper	80000	65352	509.8	40.79	40.35	0.6	≦15
	P5-2				63890	498.5	39.88			
	P6-1		Middle	80000	64832	505.8	40.46			
	P6-2				65334	509.7	40.78			
	P7-1		Lower	80000	64921	506.5	40.52			
	P7-2				63615	496.3	39.71			

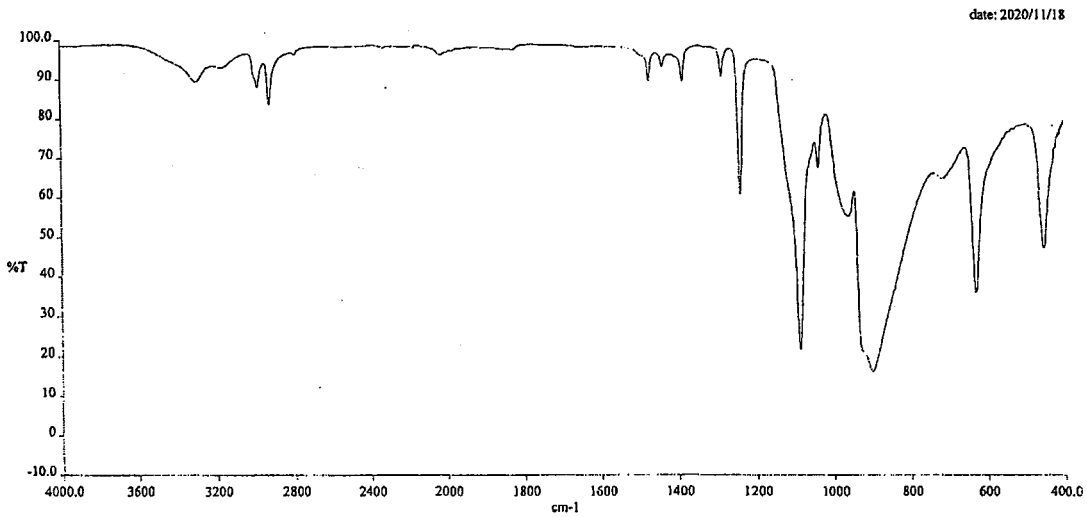


Fig. 1 IR spectrum of the test article for the identity test (analyzed date: November 18, 2020).

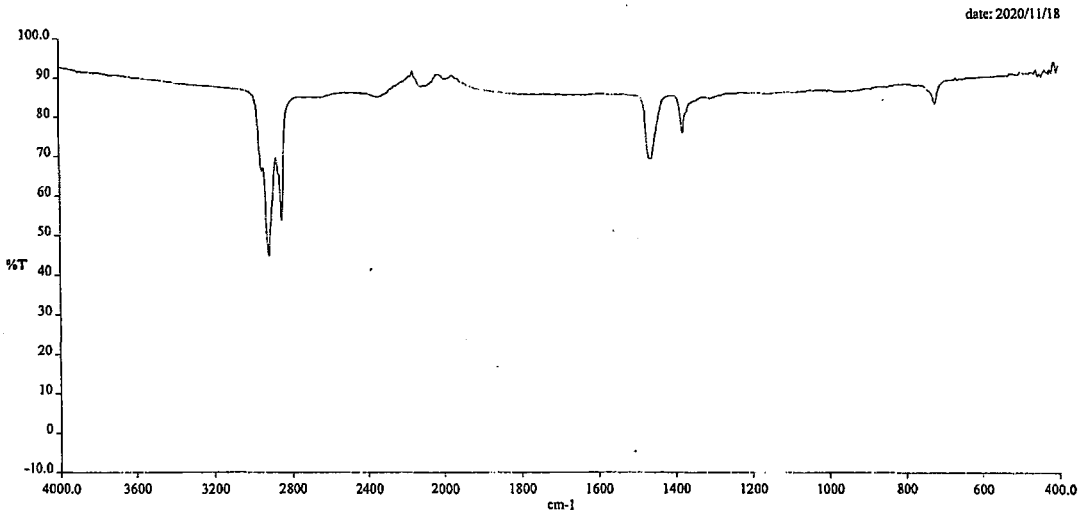


Fig. 2 IR spectrum of the liquid paraffin for the identity test (analyzed date: November 18, 2020).

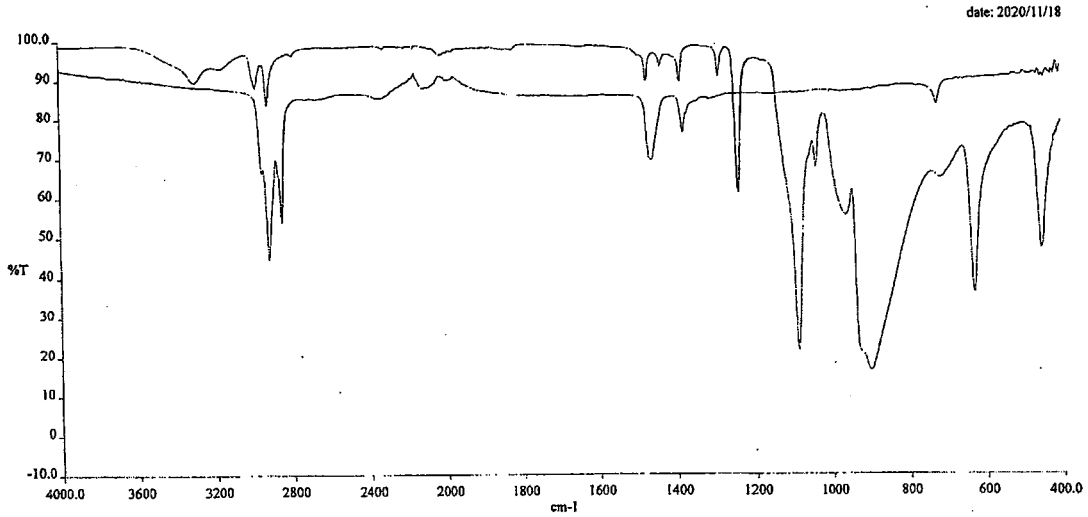


Fig. 3 Overlapped IR spectrum of the test article and the liquid paraffin for the identity test (analyzed date: November 18, 2020).

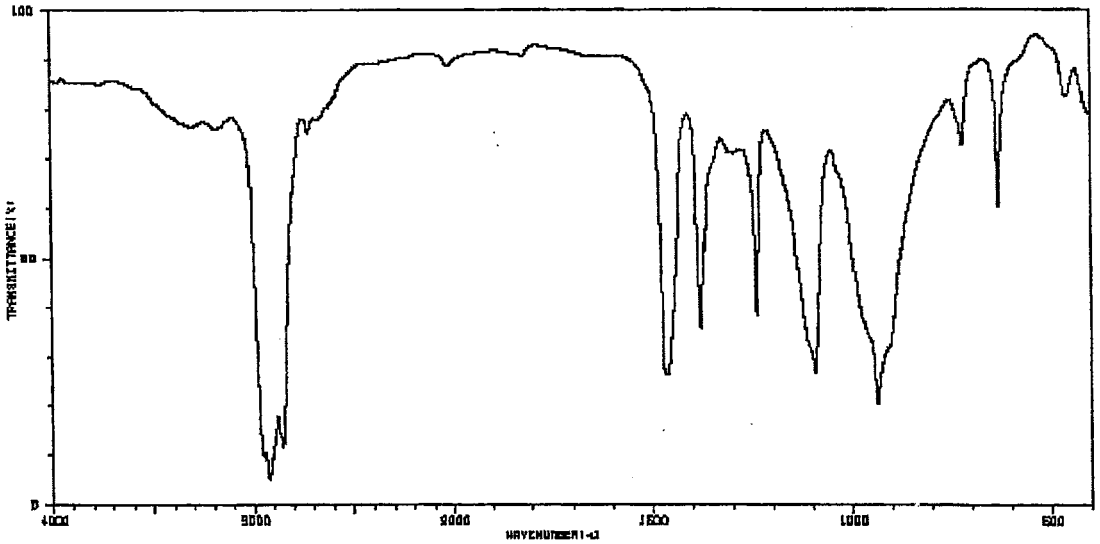


Fig. 4 IR spectrum of the test article provided by the sponsor.

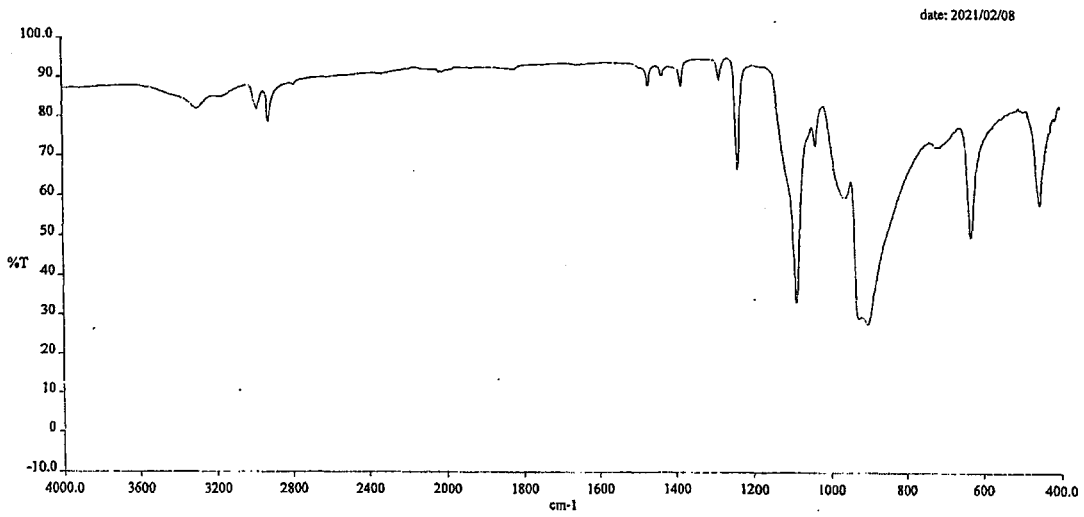


Fig. 5 IR spectrum of the test article for the stability test (analyzed date: February 8, 2021).

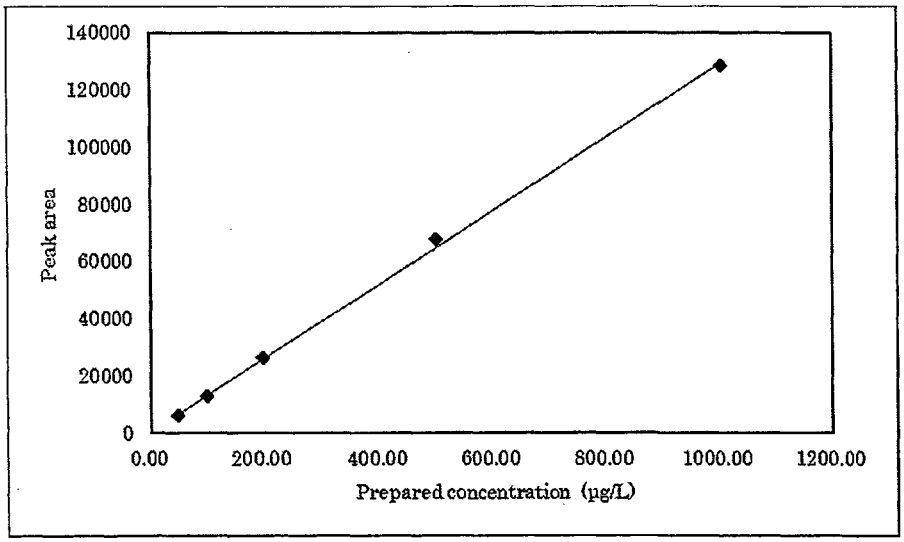
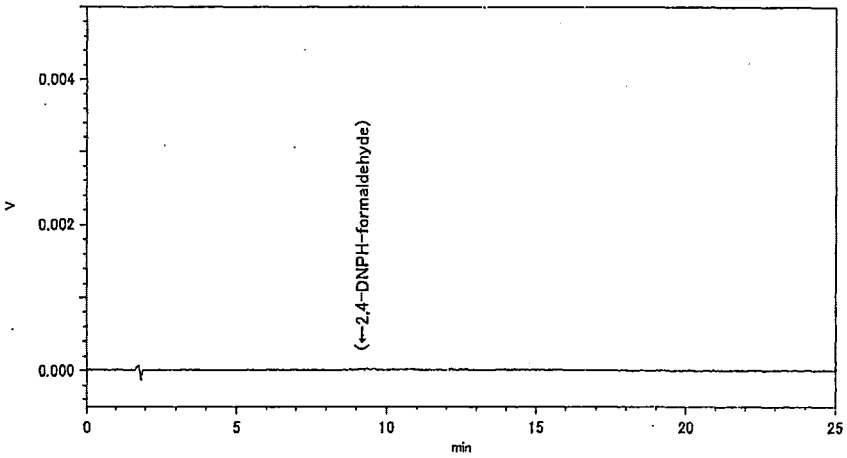


Fig. 6 Typical calibration plot and regression line (analyzed date: November 18, 2020).

Chromatogram
H2O



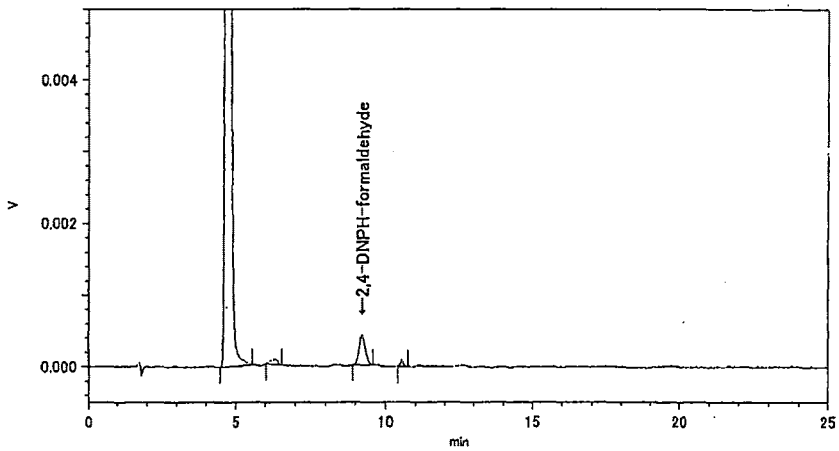
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
				←2,4-DNPH-formaldehyde
Total				

Fig. 7 Typical chromatogram of water

Chromatogram
SS50(1118)



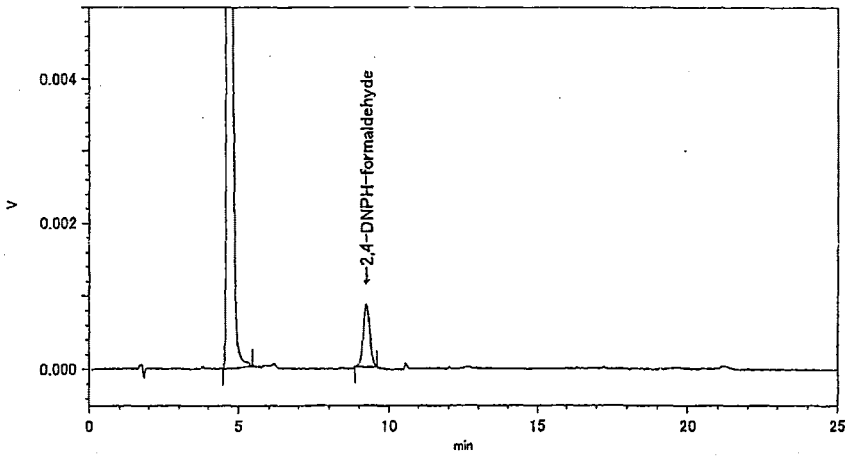
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.696	490754	98.41	
2	6.321	1223	0.25	
3	9.231	6115	1.23	←2,4-DNPH-formaldehyde
4	10.544	589	0.12	
Total		498681	100.00	

Fig. 8 Typical chromatogram of the standard solutions (No. SS50(1118)).

Chromatogram
SS100(1118)



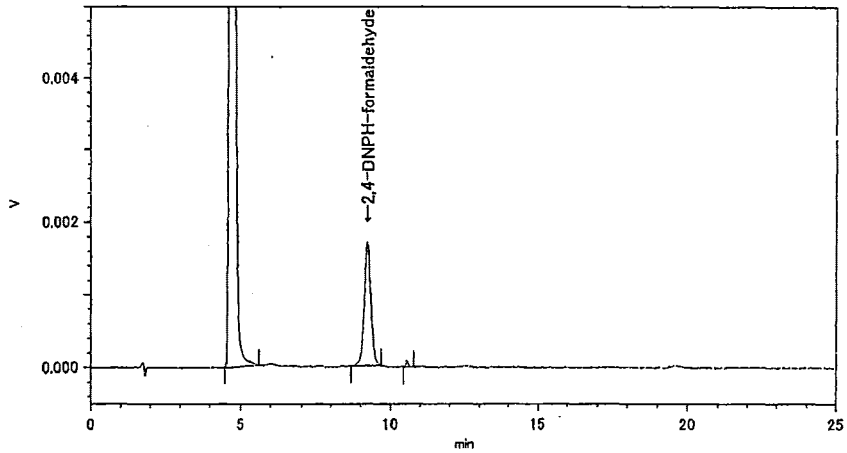
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.698	463887	97.32	
2	9.225	12766	2.68	←2,4-DNPH-formaldehyde
Total		476653	100.00	

Fig. 9 Typical chromatogram of the standard solutions (No. SS100(1118)).

Chromatogram
SS200(1118)



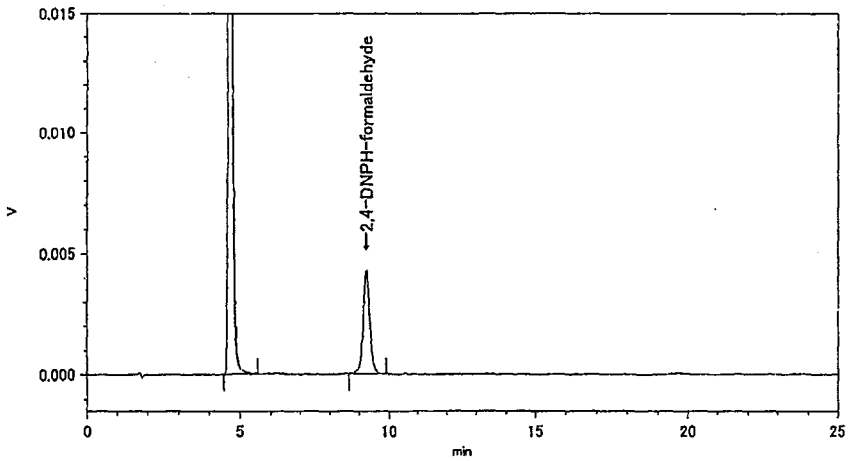
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.697	450030	94.40	
2	9.226	26125	5.48	←2,4-DNPH-formaldehyde
3	10.561	562	0.12	
Total		476716	100.00	

Fig. 10 Typical chromatogram of the standard solutions (No. S200(1118)).

Chromatogram
SS500(1118)



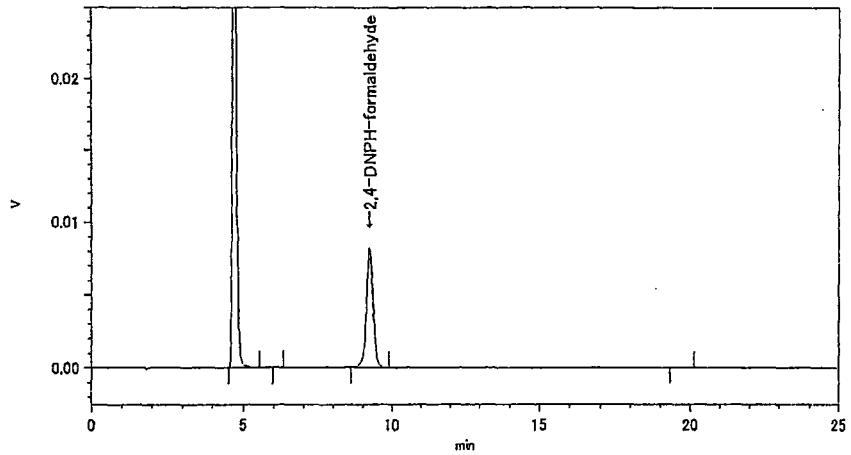
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.698	428527	86.34	
2	9.231	67797	13.66	←2,4-DNPH-formaldehyde
Total		496324	100.00	

Fig. 11 Typical chromatogram of the standard solutions (No. SS500 (1118)).

Chromatogram
SS1000(1118)



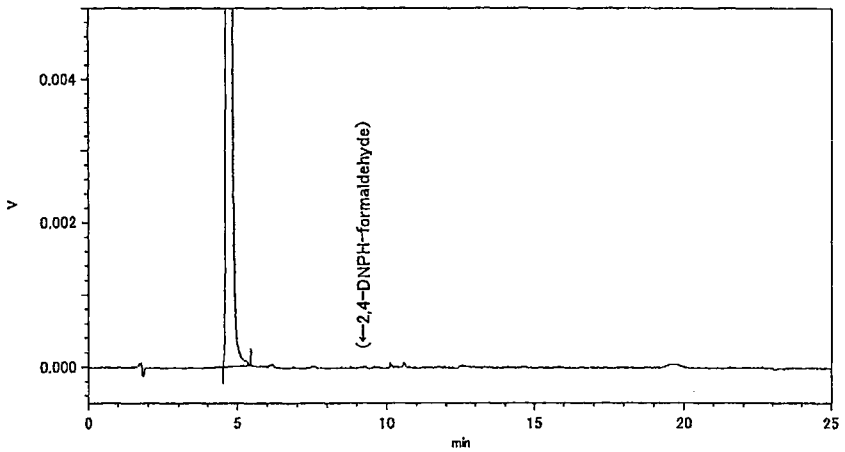
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.696	373548	74.01	
2	6.156	654	0.13	
3	9.225	128579	25.47	←2,4-DNPH-formaldehyde
4	19.639	1975	0.39	
Total		504755	100.00	

Fig. 12 Typical chromatogram of the standard solutions (No. SS1000(1118)).

Chromatogram
CS-1



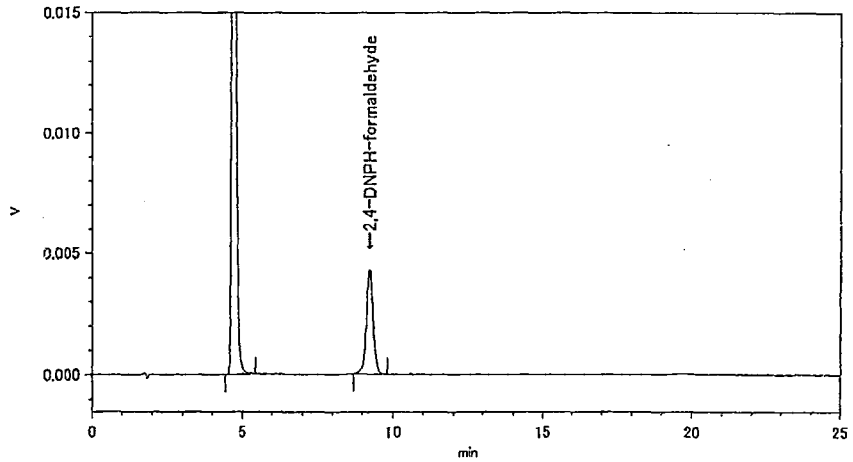
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.700	478057	100.00	←2,4-DNPH-formaldehyde
Total		478057	100.00	

Fig. 13 Typical chromatogram of the control solutions (No. CS-1).

Chromatogram
DS4-1



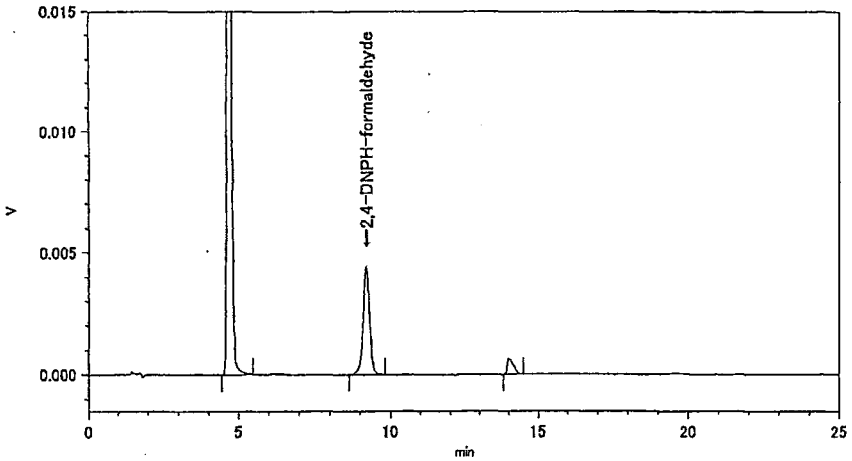
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.697	427601	86.48	
2	9.228	66871	13.52	←2,4-DNPH-formaldehyde
Total		494472	100.00	

Fig. 14 Typical chromatogram of the test solutions (No. DS4-1).

Chromatogram
DS4-3



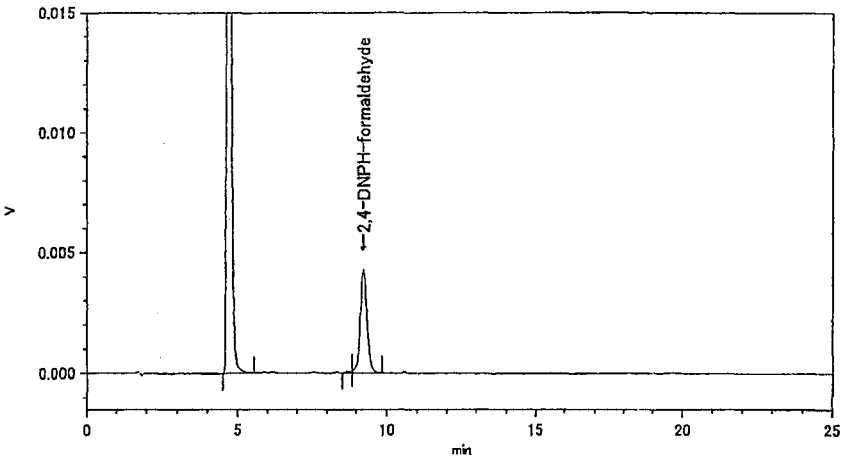
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.691	454664	85.65	
2	9.204	67058	12.63	←2,4-DNPH-formaldehyde
3	14.003	9089	1.71	
Total		530811	100.00	

Fig. 15 Typical chromatogram of the test solutions (No. DS4-3).

Chromatogram
DS40-1



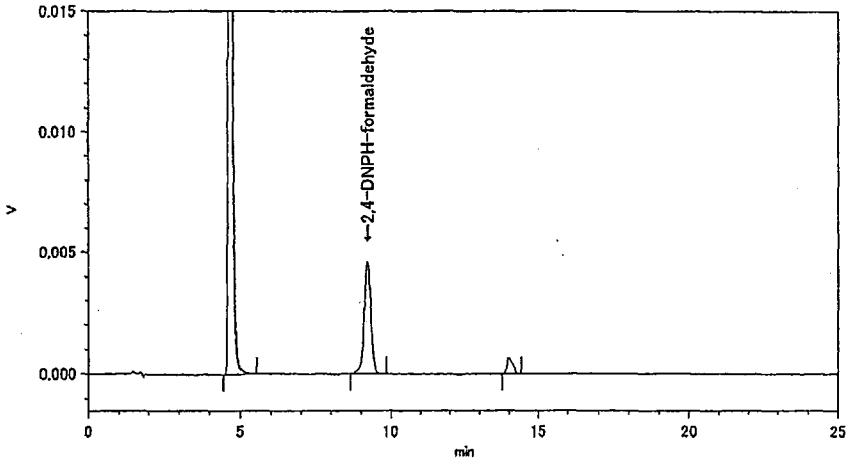
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.699	431404	86.58	
2	8.617	981	0.20	
3	9.228	65869	13.22	←2,4-DNPH-formaldehyde
Total		498254	100.00	

Fig. 16 Typical chromatogram of the test solutions (No. DS40-1).

Chromatogram
DS40-3



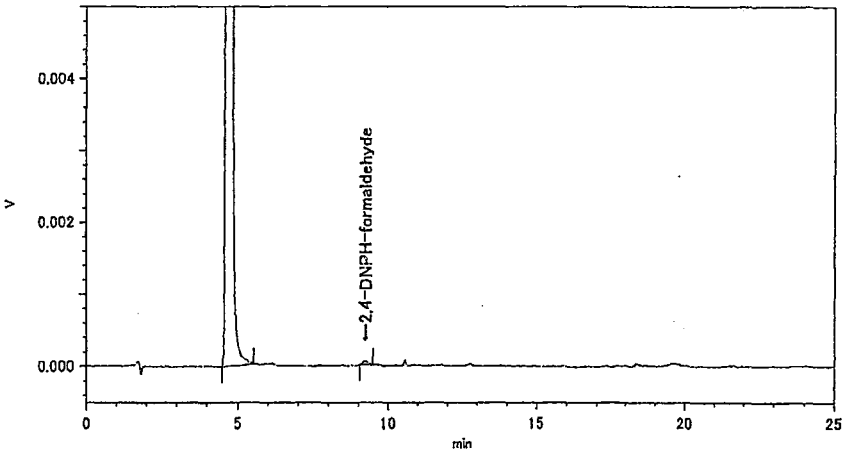
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.690	457378	85.37	
2	9.205	69525	12.98	←2,4-DNPH-formaldehyde
3	13.975	8858	1.65	
Total		535760	100.00	

Fig. 17 Typical chromatogram of the test solutions (No. DS40-3).

Chromatogram
DS40w-1



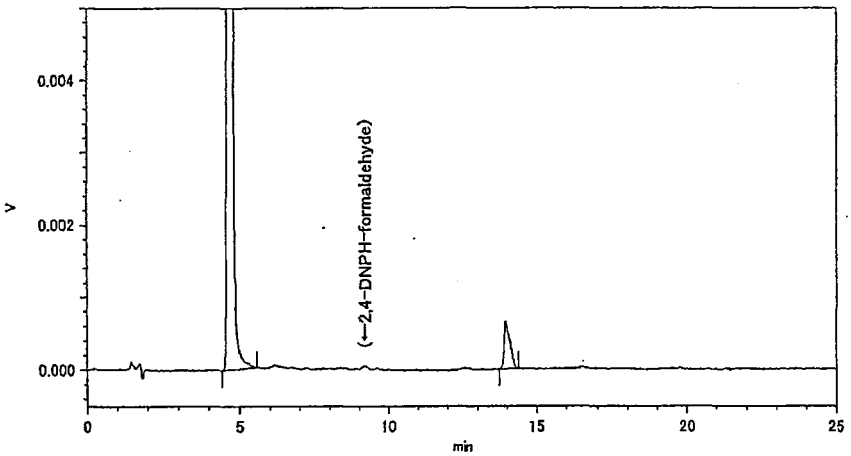
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.694	487326	99.86	
2	9.232	691	0.14	←2,4-DNPH-formaldehyde
Total		488017	100.00	

Fig. 18 Typical chromatogram of the test solutions (No. DS40w-1).

Chromatogram
DS40w-3



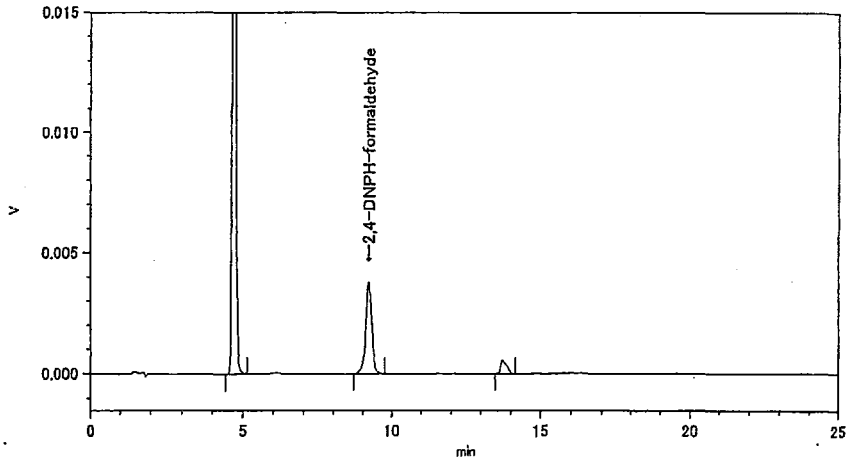
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.691	512994	98.27	←2,4-DNPH-formaldehyde
2	13.956	9056	1.73	
Total		522051	100.00	

Fig. 19 Typical chromatogram of the test solutions (No. DS40w-3).

Chromatogram
P1-1



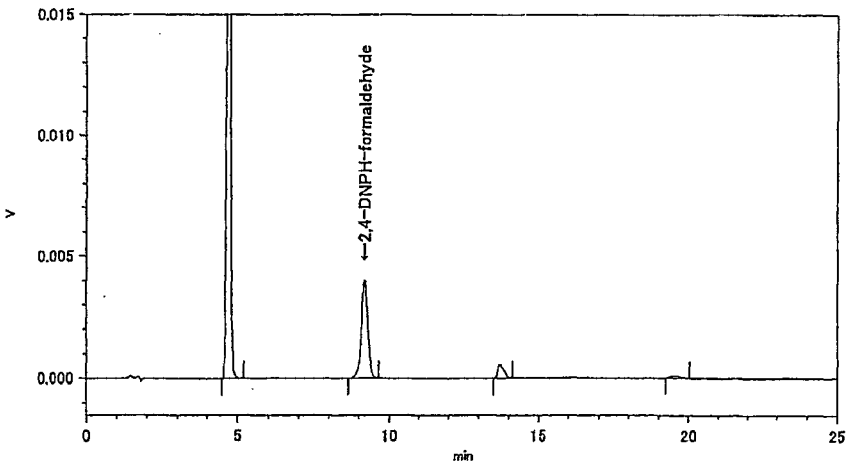
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.697	305687	82.47	
2	9.205	56895	15.35	←2,4-DNPH-formaldehyde
3	13.728	8079	2.18	
Total		370661	100.00	

Fig. 20 Typical chromatogram of the test solutions (No. P1-1).

Chromatogram
P2-1



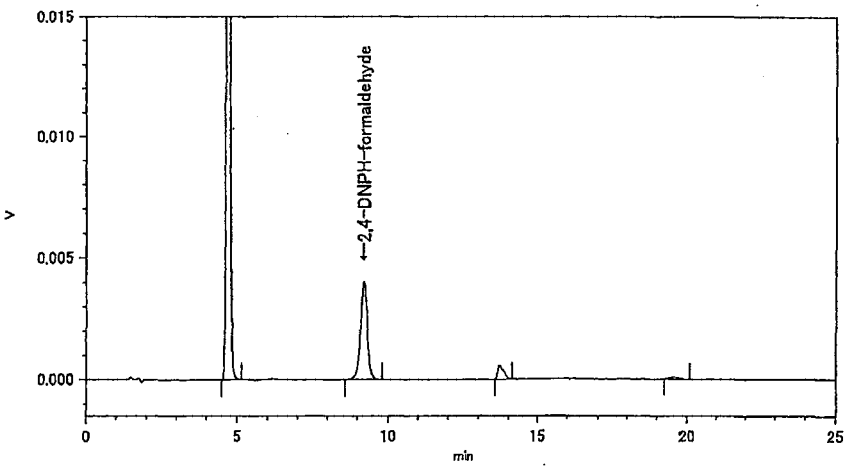
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.692	276469	79.79	
2	9.195	59840	17.27	←2,4-DNPH-formaldehyde
3	13.708	7896	2.28	
4	19.555	2302	0.66	
Total		346506	100.00	

Fig. 21 Typical chromatogram of the test solutions (No. P2-1).

Chromatogram
P3-1



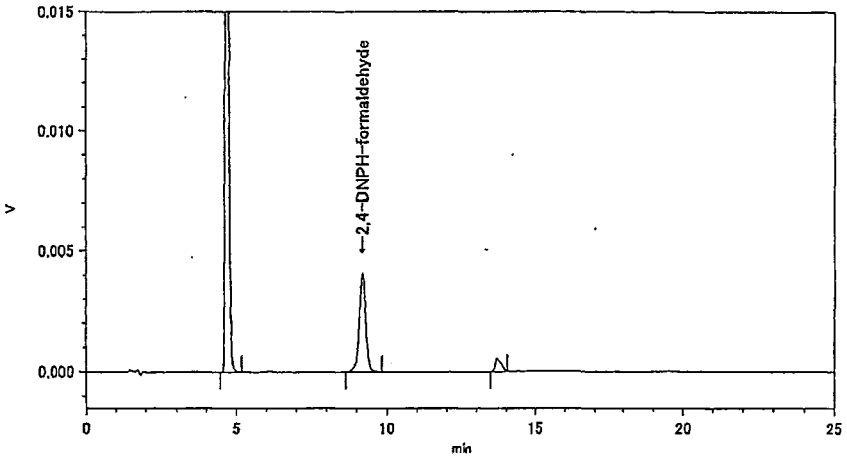
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.694	269786	79.07	
2	9.197	61462	18.01	←2,4-DNPH-formaldehyde
3	13.690	7706	2.26	
4	19.537	2263	0.66	
Total		341217	100.00	

Fig. 22 Typical chromatogram of the test solutions (No. P3-1).

Chromatogram
P4-1



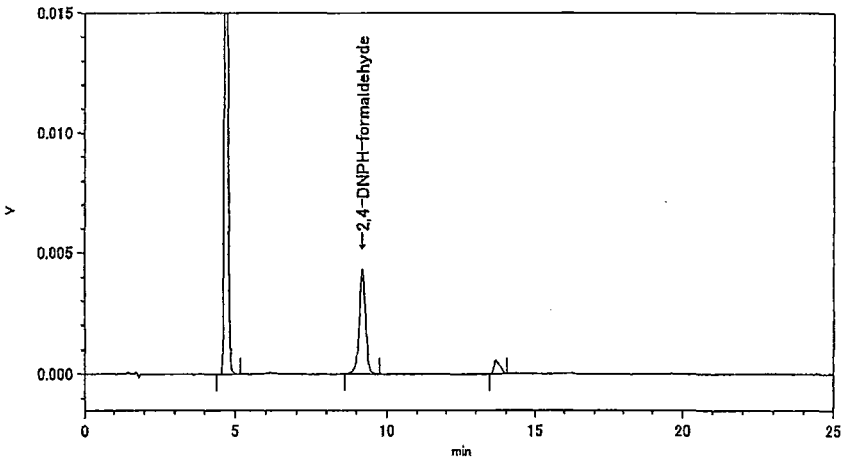
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.692	262816	79.04	
2	9.194	61974	18.64	←2,4-DNPH-formaldehyde
3	13.684	7702	2.32	
Total		332492	100.00	

Fig. 23 Typical chromatogram of the test solutions (No. P4-1).

Chromatogram
P5-1



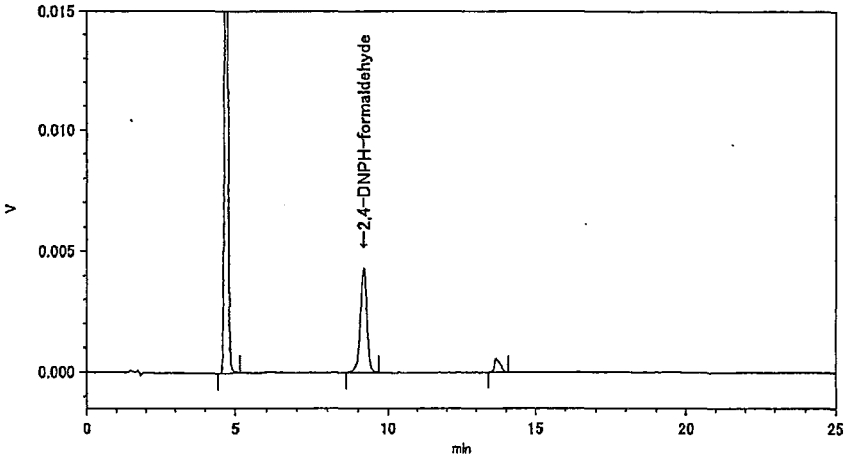
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.693	249248	77.32	
2	9.190	65352	20.27	←2,4-DNPH-formaldehyde
3	13.668	7762	2.41	
Total		322301	100.00	

Fig. 24 Typical chromatogram of the test solutions (No. P5-1).

Chromatogram
P6-1



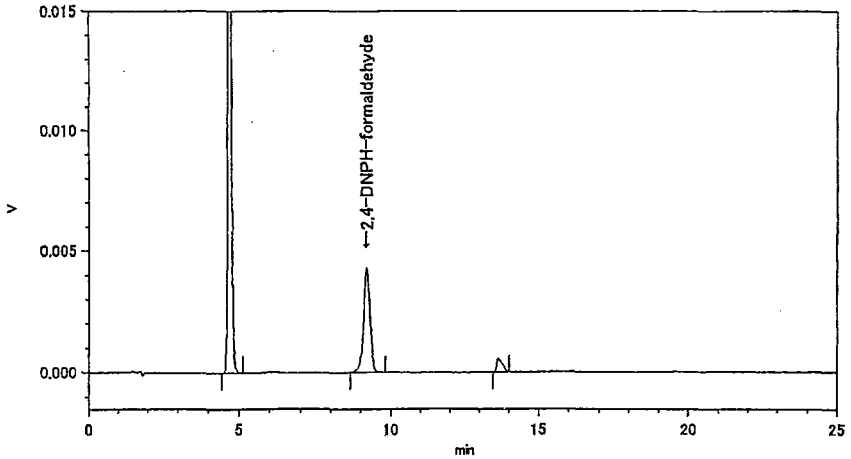
Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.689	243298	76.97	
2	9.177	64832	20.51	←2,4-DNPH-formaldehyde
3	13.657	7947	2.51	
Total		316078	100.00	

Fig. 25 Typical chromatogram of the test solutions (No. P6-1).

Chromatogram
P7-1



Analysis Report

SPD10Avp (360nm)

ピーク番号	Retention time	Area	Area%	Component
1	4.691	233964	76.32	
2	9.185	64921	21.18	←2,4-DNPH-formaldehyde
3	13.639	7652	2.50	
Total		306537	100.00	

Fig. 26 Typical chromatogram of the test solutions (No. P7-1).