最終報告書

表　　題：イソヘキサンのラットにおける反復経口投与毒性･生殖発生毒性併合試験

試験番号：SR20236

株式会社化合物安全性研究所

試験責任者の署名

表　　題：イソヘキサンのラットにおける反復経口投与毒性･生殖発生毒性併合試験

試験番号：SR20236

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：イソヘキサンのラットにおける反復経口投与毒性･生殖発生毒性併合試験
試験番号：SR20236

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),「新規化学物質等に係る試験の方法について」の一部改正について (平成 30 年 3 月 29 日薬生発 0329 第 13 号・20180326 製局第 1 号・環保企発第 1803293 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) 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　　：イソヘキサンのラットにおける反復経口投与毒性・生殖発生毒性併合試験

試験番号　：SR20236

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　9 日	2020 年11 月　9 日	2020 年11 月　9 日
コンピュータプロトコール	2020 年11 月 10 日	2020 年11 月 10 日	2020 年11 月 10 日
試験計画書変更書 (No.1)	2020 年11 月 13 日	2020 年11 月 13 日	2020 年11 月 13 日
試験計画書変更書 (No.2)	2020 年11 月 22 日	2020 年11 月 24 日	2020 年11 月 24 日
被験物質の管理	2020 年11 月 22 日	2020 年11 月 24 日	2020 年11 月 24 日
投与液の調製	2020 年11 月 22 日	2020 年11 月 24 日	2020 年11 月 24 日
投与	2020 年12 月　1 日	2020 年12 月　1 日	2020 年12 月　1 日
性周期検査	2020 年12 月　1 日	2020 年12 月　1 日	2020 年12 月　1 日
生殖能検査 (交配)	2020 年12 月 14 日 2020 年12 月 15 日	2020 年12 月 15 日	2020 年12 月 15 日
尿検査	2020 年12 月 24 日 2020 年12 月 25 日	2020 年12 月 25 日	2020 年12 月 25 日
採血	2020 年12 月 29 日	2020 年12 月 29 日	2020 年12 月 29 日
血液学的検査	2020 年12 月 29 日	2020 年12 月 29 日	2020 年12 月 29 日
剖検・器官重量測定	2020 年12 月 29 日	2020 年12 月 29 日	2020 年12 月 29 日
分娩および哺育状態観察	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
新生児の一般状態観察	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
新生児の体重測定	2021 年 1 月　6 日	2021 年 1 月　6 日	2021 年 1 月　6 日
試験計画書変更書 (No.3)	2021 年 1 月　7 日	2021 年 1 月　8 日	2021 年 1 月　8 日
哺育児数の調整	2021 年 1 月 11 日	2021 年 1 月 12 日	2021 年 1 月 12 日
肛門生殖突起間距離の計測	2021 年 1 月 11 日	2021 年 1 月 12 日	2021 年 1 月 12 日
病理組織学的検査 (標本作製)	2021 年 1 月　5 日 2021 年 1 月 12 日 2021 年 1 月 13 日 2021 年 1 月 14 日	2021 年 1 月 14 日	2021 年 1 月 14 日
血液化学的検査	2021 年 1 月 19 日	2021 年 1 月 19 日	2021 年 1 月 19 日
乳頭数の計測	2021 年 1 月 19 日	2021 年 1 月 19 日	2021 年 1 月 19 日
新生児の血清採取	2021 年 1 月 19 日	2021 年 1 月 19 日	2021 年 1 月 19 日
新生児の剖検	2021 年 1 月 19 日	2021 年 1 月 19 日	2021 年 1 月 19 日
血液化学的検査	2021 年 1 月 27 日	2021 年 1 月 27 日	2021 年 1 月 27 日
病理組織学的検査 (鏡検)	2021 年 2 月　3 日	2021 年 2 月　3 日	2021 年 2 月　3 日
被験物質のサンプリング	2021 年 2 月　9 日	2021 年 2 月　9 日	2021 年 2 月　9 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
試験計画書変更書 (No.4)	2021 年 3 月 4 日	2021 年 3 月 4 日	2021 年 3 月 4 日
生データ	2021 年 3 月 5 日 2021 年 3 月 9 日 2021 年 3 月 10 日 2021 年 3 月 11 日	2021 年 3 月 12 日	2021 年 3 月 12 日
最終報告書 (草案)：図表	2021 年 3 月 5 日 2021 年 3 月 9 日 2021 年 3 月 10 日 2021 年 3 月 11 日	2021 年 3 月 12 日	2021 年 3 月 12 日
最終報告書 (草案)：本文	2021 年 3 月 11 日 2021 年 3 月 12 日	2021 年 3 月 12 日	2021 年 3 月 12 日
最終報告書	2021 年 3 月 19 日	2021 年 3 月 19 日	2021 年 3 月 19 日

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 9 日	2020 年11 月 9 日	2020 年11 月 9 日
群分け	2020 年11 月 9 日	2020 年11 月 9 日	2020 年11 月 9 日
一般状態観察	2020 年11 月 9 日	2020 年11 月 9 日	2020 年11 月 9 日
詳細な状態観察	2020 年11 月 9 日	2020 年11 月 9 日	2020 年11 月 9 日
機能検査	2020 年11 月 9 日	2020 年11 月 9 日	2020 年11 月 9 日
体重測定	2020 年11 月 9 日	2020 年11 月 9 日	2020 年11 月 9 日
摂餌量測定	2020 年11 月 9 日	2020 年11 月 9 日	2020 年11 月 9 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

イソヘキサンのラットにおける反復経口投与毒性･生殖発生毒性併合試験

試験番号

SR20236

試験目的

イソヘキサ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)，「新規化学物質等に係る試験の方法について」の一部改正について (平成 30 年 3 月 29 日薬生発 0329 第 13 号・20180326 製局第 1 号・環保企発第 1803293 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) 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 : [redacted]

投与・観察・測定　：[redacted]

臨床検査　：

病理検査　：

試験日程

試験開始日　：2020 年 11 月 9 日

動物受入　：2020 年 11 月 11 日

群分け　：2020 年 11 月 30 日

投与開始 (実験開始)　：2020 年 12 月 1 日

交配開始　：2020 年 12 月 14 日

雄動物およびサテライト群雌動物投与終了：

2020 年 12 月 28 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：

2020 年 12 月 29 日

母動物分娩開始　：2021 年 1 月 6 日

生後 4 日児数調整開始：2021 年 1 月 10 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 12 日

生後 13 日新生児剖検開始：

2021 年 1 月 19 日

母動物剖検開始　：2021 年 1 月 20 日 (最終剖検 2021 年 2 月 2 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

イソヘキサ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, イソヘキサンの 0 (溶媒対照，トウモロコシ油), 100, 300 および 1000 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 63 日間)．また，0 (対照) および 1000 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

投与期間中の雌雄の一般状態，詳細な状態観察，機能検査，体重，摂餌量，尿検査および投与終了時の血液学的検査，血液化学的検査，剖検，器官重量および病理組織学的検査ならびに雄の血清 T4 濃度には, 1000 mg/kg の用量まで被験物質投与による毒性変化はみられなかった.

なお, 毒性学的意義のない変化として, 雄に α2u-グロブリン腎症に関連する変化 [100 mg/kg 以上の用量群に近位尿細管上皮の好酸性小体 (α2u-グロブリン抗体による免疫染色で陽性), 限局性の尿細管好塩基性化，1000 mg/kg 群で腎臓重量の高値，腎臓の大型化] がみられた．この変化には，回復性が認められた.

以上のように，本試験条件下におけるイソヘキサンの反復投与毒性に関する無毒性量 (NOAEL) は，雌雄ともに 1000 mg/kg まで被験物質投与による毒性が認められなかったことから 1000 mg/kg/day と考えられた.

1.2 生殖発生毒性

親動物の生殖能については, 1000 mg/kg の用量まで雌雄ともに被験物質投与の影響はみられなかった.

新生児については，1000 mg/kg の用量まで形態，生存および発育に被験物質投与の影響はみられず，内分泌かく乱作用を示唆する変化もみられなかった.

以上のように，本試験条件下におけるイソヘキサンの親動物の生殖および次世代の発生･発育に対する無毒性量 (NOAEL) は, 1000 mg/kg まで被験物質投与の影響が認められなかったことから 1000 mg/kg/day と考えられた.

2 緒言

この試験の目的は，イソヘキサ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．イソヘキサンの 0 (溶媒対照，トウモロコシ油)，100，300 および 1000 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 1000 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　：イソヘキサン

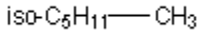
英名　：Isohexane (mixture of isomeric branched chain Hexanes)

略称　：Isohexane

CAS 番号 [1)]　：73513-42-5

官報公示整理番号 (化審法) [1)]：(2)-6

化学式 [1)]　：C_6H_{14}

構造式 [2)]　： 

分子量 [3)]　：86.18

物理化学的性質　：外観 [1)]；液体，透明，無色 ~ ほとんど無色

化学的安定性 [1)]；適切な条件下においては安定

比重 [1)]；0.66

水への溶解度 [1)]；不溶

異性体比率の概数 (製造業者情報)※；

2-methylpentane：55 %前後

3- methylpentane：40 %前後

n-hexane：3 %前後

純度　：99.7 % (Annex 1)

ロット番号　：[redacted]

※製造者に直接問い合わせたところ, 本製品はロット間で異性体の構成比に幅があることを確認した．なお，本ロットの異性体構成比の詳細は不明.

製造業者　　：[redacted]

試験施設受領日　　：2020 年 10 月 13 日，2020 年 10 月 20 日，2020 年 10 月 23 日

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 2 月 9 日 (サンプリング)

保存条件　　：冷蔵 (実測範囲 3.1 ~ 3.9°C)，遮光，気密

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て，分析結果を入手した．分析の結果，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).

被験物質管理責任者からの移管量：1600.79 g

使用量　　：1272.122 g

取扱上の注意　　：ゴム手袋，マスクおよび保護メガネを着用した．被験物質を分取する場合は，ガラス製の器具を用い，ガラス容器に分取した．

サンプリング　　：約 5 g (実測値 5.0009 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

ロット番号　　：V8R4565．なお，V0P8420 は被験物質管理責任者から移管したが，使用しなかった．

製造業者　　：ナカライテスク株式会社

選定理由　　：被験物質が水に不溶であるため．

保存場所および保存期間：被験物質保存室；室温 2019 年 2 月 19 日~ 2021 年 1 月 29 日，冷蔵 2020 年 11 月 21 日 ~ 2021 年 2 月 1 日

使用したロットの保存条件：室温 (実測範囲 20.1 ~ 24.8°C) または冷蔵 (実測範囲 3.1 ~ 3.6°C) で保存した．調製前日から調製までの間は冷蔵保存とした．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．

使用/有効期限　　：2024 年 2 月 18 日 (V8R4565)，2025 年 11 月 16 日 (V0P8420)

被験物質管理責任者からの移管量：25000 g (500 g × 50 本)

使用量　　：12497.39 g

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，トウモロコシ油 (媒体) に所定の濃度になるように混合した．調製は高，中および低用量の順に実施

した.

調製頻度　　：調製液は 1 ~ 10 日の間隔で 9 回調製し，10 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 11 月 22 日 (初回調製) ~ 2021 年 1 月 26 日 (最終投与)

保存条件　　：ガラス製の遮光気密容器に入れ，冷蔵 (実測範囲 3.1 ~ 3.6°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．調製および分取の際は，ガラス製の器具を使用した．調製は可能な限り保冷した条件下で行い，調製液も使用までの間保冷した.

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.

投与液の安定性の確認：2 および 200 mg/mL の濃度の調製液について，冷蔵 10 日+室温 6 時間 (調製日を 0 日として起算) 保存した後の被験物質の残存率を測定し，安定であることを確認した (Annex 2)．調製および安定性の分析は株式会社日曹分析センターが実施し，分析結果を入手した.

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確認した. 調製液は冷蔵条件下で株式会社日曹分析センターに送付し，分析結果を入手した．分析の結果，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 310 ~ 345 g，雌 190 ~ 229 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，1 例 (受入時動物番号 5043) に性周期異常がみられた．その他の動物には，異常は認められなかった.

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から，性周期検査で異常がみられた雌 1 例を除く動物を群分けに使用した．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 404 ~ 498 g，雌で 241 ~ 290 g であり，平均体重 (雄 448.5 g，雌 259.9 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　：303 号室

温度・湿度　：22 ± 3°C (実測範囲 21 ~ 24°C)，50 ± 20% (実測範囲 42 ~ 64%)

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 (260W × 380D × 180H，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，日本チャールス･リバー株式会社，ロット番号 200701) 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，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，交尾不成立例は投与 28 日および 42 日．

受皿交換　：週 2 回実施した．

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・哺育期間に適宜使用し，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標準操作手順書に準拠した．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，当該飼育室と同系統配管の最末端 (301 号室) から試料を採取して確認した. 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標準操作手順書に準拠した．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)，100，300 および 1000 mg/kg/day

設定理由　　：先に実施した予備試験 (SR20235)[4] において，被験物質を 0，10，30，100，300 および 1000 mg/kg/day の用量で 1 群雌雄各 3 匹の Crl:CD(SD) ラットに 14 日間反復経口投与した結果，300 mg/kg 以上の用量群で雄の腎臓の絶対および相対重量に有意な高値または高値傾向，1000 mg/kg 群で雄の総コレステロールならびに肝臓の絶対および相対重量に有意な高値がみられ，剖検で 1000 mg/kg 群の雄 1 例に腎臓の大型化が認められた．一般状態，体重，摂餌量および血液学的検査では，1000 mg/kg 群まで雌雄ともに変化はみられなかった．以上のことから，本試験では 1000 mg/kg/day を高用量とし，以下公比約 3 として 300 および 100 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	動物数(動物番号) 雌	識別
＜主試験群＞						
対照	0	0	5.0	12 (10101~10112)	12 (50151~50162)	白
低用量	100	20	5.0	12 (10201~10212)	12 (50251~50262)	緑
中用量	300	60	5.0	12 (10301~10312)	12 (50351~50362)	青
高用量	1000	200	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 (10101, 10102, 10106, 10108, 10110)[a]	5 (50556~50560)[b]	白
高用量(投与終了時剖検例)	1000	200	5.0		5 (50651~50655)[b]	赤
(回復終了時剖検例)	1000	200	5.0	5 (10401, 10402, 10403, 10407, 10409)[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ガラス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　　：9：01 ~ 12：07

ただし，規定された投与時刻 (8:00 ~ 13:00) に分娩中であった母動物には，分娩終了後に投与した (最終投与時刻 13：14).

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 日までの期間，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.

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　　：雄の各群 5 例 (投与 21 日の体重測定後に，交配中の動物を除いて，各群の体重の平均値に近似するように選抜．対照群および高用量群はサテライト群に選抜した動物) およびサテライト群の雌 (回復終了時剖検例) ならびに主試験群の雌の各群 5 例 (哺育 13 日に生存児のいる腹のうち，分娩日の早いものから順に選抜).

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 23 日) に実施した．投与 4 週の検査の結果，雄の高用量群で自発運動量に有意差がみられたことから, 雄については回復 2 週 (回復 8 日) の検査を実施した.
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，上記に引き続き，10 分間隔で 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かった交尾成立例は妊娠 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) にも測定した.

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, 1 匹あたりの 1 日の平均摂餌量 (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 24 ~ 25 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) を用いて採尿した．[1] ~ [9] については，投与直後から約 3 時間 (実際の採尿時間 約 3 ~ 6 時間) の蓄尿を用いて検査した．なお，投与 4 週の検査の際，雌 2 例 (動物番号 50656 および 50659) は投与後 6 時間までの間に尿が得られなかったため，強制排尿により採取して検査した．[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．[10]，[11] については，約 21 時間の蓄尿で検査した．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．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について実施し，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．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，交尾不成立例は交配期間終了後 24 日 (投与 51 日の翌日) に，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, 哺育期間中に哺育児が全て死亡した動物は分娩後 14 日に剖検した.

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　：雌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，十二指腸，空腸，回腸 (パイエル板を含む)，盲腸，結腸，直腸，肝臓，膵臓，顎下腺，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，ハーダー腺，乳腺 (右腹部)，大腿骨 (骨髄含む，右)，腸間膜リンパ節，下顎リンパ節，骨格筋 (大腿二頭筋，右)，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，高用量群の雄の腎臓に被験物質投与に関連すると考えられる変化が認められたことから，低用量および中用量およびサテライト群の雄の腎臓についても標本を作製して検査を実施した．また，主試験群の低および中用量群における交配相手を妊娠させなかった雄動物および不妊例 (動物番号 10202，10312，50252 および 50362) ならびに交尾不成立例 (動物番号

10306 および 50356) の全器官･組織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．雄の腎臓では，近位尿細管上皮の好酸性小体を同定するべく, 代表例 [1000 mg/kg 群の 1 例 (動物番号 10412)] および対照群の 1 例 (動物番号 10112) について α2u-グロブリン抗体を用いた免疫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した．発情期または発情間期が 7 日以上継続してみられるものをそれぞれ連続発情または連続非発情とし，異常と判定した.

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 日を交配開始日，交配開始日の翌日を交配 1 日とし，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 50152，50252 および 50362 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　：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．出生児が全て死亡している場合 (死産) は異常出産とした．生存児を出産したものであっても，難産などの分娩異常がみられる場合や分娩終了の確認ができない場合には異常出産とした．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 / 出産動物数

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た．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．1 腹の哺育児数が 8 匹以下の場合は，そのまま哺育させた．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 日 1 回

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

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

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　　：腹毎に生存児を断頭により安楽死させ，遠沈管に血液を採取してプールし，遠心分離 (約 2000 × g，10 分，4°C) して血清を得た．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，採血の対象となる生存児がいない場合は血清の採取は行わなかった．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

例数　　：全例

時期　　：生後 13 日

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比較した．Kruskal-Wallis 法の解析の結果，有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いて対照群と比較した．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比較した．

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比較した．

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比較した．

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．また，哺育期間中に哺育児が全て死亡した雌動物については，その現象が発生した時点以降の体重，体重増加量お

よび摂餌量ならびに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. 交尾が成立しなかった雌および妊娠したが分娩がみられ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場合は，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 ~ 1-8，Appendix 1-1 ~ 1-30 に示す.

[投与期間]

(1) 雄：主試験群

いずれの試験群の動物にも異常は認められなかった.

(2) 雌：主試験群

いずれの試験群の動物にも異常は認められなかった.

(3) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群ともに，いずれの動物にも異常はみられなかった.

[回復期間]

(1) 雄：サテライト群

対照群および 1000 mg/kg 群ともに，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)

対照群および 1000 mg/kg 群ともに，いずれの動物にも異常はみられなかった.

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)

1000 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

1000 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)

1000 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 ~ 5-4，Appendix 5-1 ~ 5-12，握力の成績を Table 6-1 ~ 6-4，Appendix 6-1 ~ 6-12，自発運動量の成績を Table 7-1 ~ 7-4，Appendix 7-1 ~ 7-12 に示す.

[投与期間]

(1) 雄：主試験群 (投与 4 週)

1000 mg/kg 群では，自発運動量の測定開始後 30-40 分に対照群と比較して有意な低値がみられたが，一過性の変化であること，0-60 分には有意な差は認められないこと，一般状態観察および詳細な状態観察で関連する変化がみられないことから，被験物質投与との関連はないと考えられた. 同群のその他の項目には有意な差はみられなかった. 100 および 300 mg/kg 群では，

いずれの項目にも有意な差はみられなかった.

(2) 雌：主試験群 (哺育 13 日)

1000 mg/kg 群では，自発運動量の測定開始後 30-40 分に対照群と比較して有意な低値がみられたが，一過性の変化であること，0-60 分には有意な差は認められないこと，一般状態観察および詳細な状態観察で関連する変化がみられないことから, 被験物質投与との関連はないと考えられた. 同群のその他の項目には有意な差はみられなかった. 100 および 300 mg/kg 群では，いずれの項目にも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)

1000 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 (回復 2 週)

1000 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

体重, 体重増加量ともに, 対照群と比較していずれの用量群にも有意な差はみられなかった.

(2) 雌：主試験群

体重, 体重増加量ともに, 対照群と比較していずれの用量群にも有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

1000 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.

[回復期間]

(1) 雄：サテライト群

1000 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)

1000 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

対照群と比較して，いずれの用量群にも有意な差はみられなかった.

(2) 雌：主試験群

対照群と比較して，いずれの用量群にも有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，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

1000 mg/kg 群では，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)

1000 mg/kg 群では，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 ~ 10-22，Appendix 10-1 ~ 10-40 に示す．

[投与 4 週]

(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：サテライト群 (非交配群)

1000 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

1000 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)

1000 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

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

1000 mg/kg 群では，血小板数に対照群と比較して有意な低値がみられた．しかし，他の血球の減少，骨髄の造血の減少，出血傾向，血栓の形成等の血小板の減少に関連する変化がみられないこと，個々の値は試験施設の背景データ (平均値±2SD, 103.33 ± 18.74×10^4/μL，例数 15)[5)] の範囲内であることから，被験物質投与との関連はないと考えられた．100 および 300 mg/kg

群では，いずれの項目にも有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，血小板数に対照群と比較して有意な高値がみられたが，溶血や出血等の造血に繋がる変化がみられず，病理組織学的検査でも造血の亢進を示唆する変化がみられないこと，個々の値は試験施設の背景データ (平均値±2SD, 105.44 ± 24.98×10^4/μL，例数 25)[5] の範囲内であることから，毒性学的意義はないと考えられた.

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では，プロトロンビン時間および活性化部分トロンボプラスチン時間に対照群と比較して有意な延長がみられたが，投与終了時の肝臓に被験物質投与に関連する変化がなく，出血傾向を示唆する変化もみられないこと，活性化部分トロンボプラスチン時間については個々の値は試験施設の背景データ (平均値±2SD, 20.14 ± 5.50 sec，例数 55)[5] の範囲内であること，同じ変化は投与終了時にはみられないことから，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)

1000 mg/kg 群では，ヘモグロビン濃度およびヘマトクリット値に対照群と比較して有意な低値がみられたが，赤血球数に変化がみられないこと，個々の値は試験施設の背景データ (平均値±2SD，ヘモグロビン濃度 15.51 ± 1.34 g/dL，ヘマトクリット値 42.94 ± 3.90 %，例数 55)[5] の範囲内であること，同じ変化は投与期間終了時にはみられないことから，被験物質投与との関連はないと考えられた.

4.1.8 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

1000 mg/kg 群では，クロールに対照群と比較して有意な低値がみられたが，ナトリウムに変化がみられないこと，個々の値は試験施設の背景データ (平均値±2SD, 105.7 ± 3.2 mEq/L，例数 35)[5] の範囲内またはその近傍であることから，被験物質投与との関連はないと考えられた. 100 および 300 mg/kg 群では，いずれの項目にも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)

1000 mg/kg 群では，ALP に対照群と比較して有意な低値がみられたが，臨床的に意義の乏

しい変化であること，個々の値は試験施設の背景データ (平均値±2SD, 207.8 ± 104.4 IU/L，例数 25)[5] の範囲内であることから，毒性学的意義はないと考えられた．また，総コレステロールおよびカルシウムに有意な高値がみられたが，個々の値は試験施設の背景データ (平均値±2SD，コレステロール 66.6 ± 29.0 mg/dL，カルシウム 9.62 ± 0.60 mg/dL，例数 25)[5] の範囲内またはその近傍であった．腎臓の病理組織学的検査で被験物質投与の影響がみられないこと，総コレステロールについては血液化学的検査および病理組織学的検査で肝臓への影響を示唆する変化がみられないこと，カルシウムについては無機リンに変化がみられないことから，いずれも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

1000 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)

1000 mg/kg 群では，対照群と比較してカルシウムに有意な低値がみられたが，投与終了時にはみられない変化であること，無機リンには変化がみられないこと，投与終了時の腎臓の病理組織学的検査で被験物質投与の影響がみられないことから，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

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 病理検査

4.1.10.1 剖検

剖検所見を Table 14-1 ~ 14-9，Appendix 14-1 ~ 14-15 に示す．

[投与期間終了時]

(1) 雄：主試験群

1000 mg/kg 群の 2 例で，両側性の腎臓の大型化がみられた．その他に，100 mg/kg 群の 1 例で一側性の腎盂拡張がみられ，病理組織学的検査でも腎盂拡張 (軽度) がみられたが，より高い用量群では同じ変化がみられないことから，被験物質投与との関連はないと考えられた．対照群および 300 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：主試験群

分娩後 14 日に剖検した動物では，いずれの試験群の動物にも異常はみられなかった．

哺育期間中に全哺育児が死亡した動物, 分娩が認められなかった動物および交尾が成立しなかった動物では，異常はみられなかった.

(3) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群ともに，いずれの動物にも異常はみられなかった.

[回復期間終了時]

(1) 雄：サテライト群

対照群および 1000 mg/kg 群ともに，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)

対照群および 1000 mg/kg 群ともに，いずれの動物にも異常はみられなかった.

4.1.10.2 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

1000 mg/kg 群では，腎臓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. その他に，300 および 1000 mg/kg 群で副腎の相対重量に有意な高値がみられたが，絶対重量には変化がみられないこと, 副腎の病理組織学的検査で被験物質投与の影響がみられないことから，毒性学的意義はないと考えられた．また，300 mg/kg 群の精巣および精巣上体の絶対および相対重量ならびに 100 mg/kg 群の腎臓の相対重量に有意な高値がみられたが，用量依存的な増加がみられないことから，いずれも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

いずれの器官重量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)

1000 mg/kg 群では，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

1000 mg/kg 群では，脾臓の絶対重量に対照群と比較して有意な低値がみられたが，相対重量には変化がみられないこと, 投与終了時の器官重量および病理組織学的検査で脾臓に変化がみられていないことから，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)

1000 mg/kg 群では，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.

4.1.10.3 病理組織学的検査

病理組織学的所見を Table 16-1 ~ 16-29，Appendix 16-1 ~ 16-29 に示す.

[投与期間終了時]

(1) 雄：主試験群

全試験群を検査した腎臓では，100，300 および 1000 mg/kg 群で近位尿細管上皮の好酸性小体がそれぞれ 9 (軽微 8，軽度 1)，12 (軽微 10，軽度 2) および 7 (軽微 4，軽度 3) 例にみられ，100 mg/kg 以上の用量群における発生頻度に対照群と比較して有意な高値がみられた．また，限局性の尿細管好塩基性化が 100，300 および 1000 mg/kg 群で 2 (軽微)，5 (軽微)，3 (軽微 2，軽度 1) 例にみられた．近位尿細管上皮の好酸性小体について α2u-グロブリン抗体による免疫染色を行った結果，陽性であったことから，前述の所見はいずれも α2u-グロブリン腎症に関連するものと考えられた.

対照群，1000 mg/kg 群の全例について検査を行ったその他の器官・組織では，1000 mg/kg 群で種々の変化が散見されたが, いずれも対照群または試験施設の背景データ [6] にみられる所見であること，発現頻度の増加がみられないことから，被験物質投与と関連はないと考えられた.

交尾が成立しなかった動物および交配相手の雌が不妊であった動物の，腎臓以外の器官・組織では，100 mg/kg 群の 1 例で精巣に両側性の精細管変性 (軽度)，精巣上体に両側性の精子減少 (軽微) および管腔内細胞残屑 (軽度) がみられたが、試験施設の背景データ [6] にみられる変化であり, より高い用量ではみられないことから被験物質投与との関連はないと考えられた. その他の動物では, 交尾不成立または不妊の原因と考えられる異常もしく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.

(2) 雌：主試験群

分娩後 14 日に剖検を実施した動物のうち対照群および 1000 mg/kg 群の検査では, 1000 mg/kg 群で膵臓に腺房細胞の細胞質内空胞変性 (空胞内強好酸性/好塩基性小体) がみられたが，1 例のみの軽微な変化であることから，被験物質投与との関連はないと考えられた．その他に，同群では種々の変化が散見されたが, いずれも対照群または試験施設の背景データ [6] にみられる所見で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.

哺育期間中に全哺育児が死亡した動物, 分娩が認められなかった動物および交尾が成立しなかった動物の検査では，原因と考えられる異常はみられなかった．このうち被験物質投与群の動物でみられた所見については，いずれも試験施設の背景データ [6] にみられる変化であり，分娩後 14 日に剖検した動物に同じ変化の増加がみられないことから，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)

1000 mg/kg 群では, 1 例で胃の境界縁に過角化がみられた. しかし, 軽微な変化であること, 他の動物の胃には被験物質の刺激性を示唆する変化はみられないことから, 被験物質投与との関連はないと考えられた. その他にみられた変化は, いずれも試験施設の背景データ [6] にみられる変化であり, 出現頻度の増加がみられないことから被験物質投与と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

1000 mg/kg 群の腎臓では投与終了時に引き続き, 尿細管の修復を示す限局性の尿細管好塩基性化が 5 (軽微 4, 軽度 1) 例にみられ, 発生頻度は対照群と比較して有意な高値であった. しかし, 好酸性小体は認められず, 回復傾向にあると考えられた.

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, いずれの試験群の動物にも性周期の異常はみられず, 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.

交配では, 300 および 1000 mg/kg 群のそれぞれ 1 および 2 組で交尾が成立せず, 交尾が成立した雌動物では対照群, 100 および 300 mg/kg 群の各 1 例が不妊であった. しかし, 1000 mg/kg 群の全ての交尾成立例で妊娠が確認されていること, 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いことから, これらの変化と被験物質投与との関連はないと考えられた.

4.2.3 分娩観察

分娩観察の成績を Table 19-1 および 19-2, Appendix 19-1 ~ 19-8 に示す.

妊娠した動物のうち, 対照群の 1 例 (動物番号 50159) では分娩が認められなかった (子宮内に胎盤および死亡胎児各 1). 対照群の動物であることから, これは自然発生的な変化と考えられた. その他動物では正常な分娩が認められた.

妊娠期間, 出産率, 着床数, 分娩率, 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, いずれの被験物質投与群においても対照群と比較して有意な差はみられなかった.

また，いずれの出産生児にも外表異常は認められなかった.

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.

対照群の 1 腹 (動物番号 50156) の哺育児で生後 2 日以降，外表から胃内の乳汁が確認できず，生後 4 日までにこの腹の全ての新生児が死亡した．母動物の哺育行動には異常はなく，新生児の死亡の原因は明らかではなかった．対照群の動物であることから，これは自然発生的な変化と考えられた．100，300 および 1000 mg/kg 群では，いずれの新生児にも一般状態に異常は認められなかった.

新生児の生存率では, 生後 4 日に 300 mg/kg 群で対照群と比較して有意な高値がみられたが, 対照群の偶発的な低値による変動と考えられた. 100 および 1000 mg/kg 群では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.

雌雄ともに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

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, 雌雄ともに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.

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 日の生存児および生後 0-4 日の間に発見された死亡児の剖検では，いずれの動物にも異常はみられなかった.

5 考察

5.1 反復投与毒性

雄では，被験物質投与に起因する変化として，1000 mg/kg 群で投与終了時に腎臓の絶対および相対重量の高値がみられ，同群で 2 例に両側性の腎臓の大型化が認められた．病理組織学的検査では，100 mg/kg 以上の用量群に α2u-グロブリン腎症に関連する変化 [近位尿細管上皮の好酸性小体 (α2u-グロブリン抗体による免疫染色陽性)，限局性の尿細管好塩基性化] がみられ，1000 mg/kg 群における腎臓重量の高値および腎臓の肉眼所見はこれに関連する変化と考えられた．α2u-グロブリン腎症は雄ラットに特有な変化であり，ヒトには外挿できないとされていることから [7]，これらの変化には毒性学的意義はないと考えられた．回復終了時には，これらの変化には回復または回復傾向がみられた．

投与期間中の雌雄の一般状態，詳細な状態観察，機能検査，体重，摂餌量，尿検査および投与終了時の血液学的検査，血液化学的検査，雄の血清 T4 濃度，雌の剖検，器官重量および病理組織学的検査には，1000 mg/kg の用量まで被験物質投与の影響はみられなかった．

以上のことから，本試験条件下におけるイソヘキサンの反復投与毒性に関する無毒性量 (NOAEL) は，雌雄ともに 1000 mg/kg まで被験物質投与による毒性が認められなかったことから 1000 mg/kg/day と考えられた．

5.2 生殖発生毒性

生殖能検査では, 1000 mg/kg の用量まで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は，被験物質投与に関連する変化はみられなかった．

新生児については，1000 mg/kg の用量まで一般状態，生存率，性比，外表異常児出現率，体重，および剖検に被験物質投与に関連する変化はみられなかった．また，新生児の肛門生殖突起間距離，乳頭数，血清 T4 濃度には，内分泌の異常を示唆する変化はみられなかった．

以上のように，本試験条件下におけるイソヘキサンの親動物の生殖および次世代の発生･発育に対する無毒性量 (NOAEL) は, 1000 mg/kg まで被験物質投与の影響が認められなかったことから 1000 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

詳細な状態観察および児動物の体重は, オンラインでデータを取得する旨が試験計画書に規定されていたが，動物番号 50654 の投与開始前の詳細な状態観察 (ケージから取り出す時) お

よび動物番号 50354 の出生児の体重 (哺育 0 日の雌 1 例) のデータが，作業ミスからオフラインとなった．必要なデータは得られている事から，このことによる試験の信頼性に対する影響はないと考えられた．

Day 35 の詳細な状態観察の際，動物番号 50255 のオープンフィールド内のデータが取得されていなかった．雌の 100 mg/kg 群では他の動物から評価に十分な例数 (11 例) のデータが得られていること，より高い用量で異常がみられていないこと，欠測値となった動物の同日の投与後の一般状態観察で異常がみられていないことから，このことによる試験の信頼性に対する影響はないと考えられた．

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) 安全データシート Isohexane (mixture of isomeric branched chain Hexanes) [redacted] 2018 年
2) NITE-CHRIP,イソヘキサン，website: https://www.nite.go.jp/chem/chrip/chrip_search/cmpInfDsp?cid=C007-067-45A&bcPtn=5&shMd=0&txNumSh=NzM1MTMtNDItNQ==&ltNumTp=1&ltNumMh=0&txNmSh=&ltNmTp=&ltNmMh=1&txNmSh1=&ltNmTp1=&txNmSh2=&ltNmTp2=&txNmSh3=&ltNmTp3=&txMlSh=&ltMlMh=0&ltScDp=&ltPgCtSt=100&rbDp=0&txScSML=&txScSML2=&ltScTp=1&txUpScFl=null&hdUpScPh=&hdUpHash=&rbScMh=1&txScNyMh=&txMlWtSt=&txMlWtEd=&err=

3) Safety data sheet Isohexane (mixture of isomeric branched chain Hexanes), TCI America, 2018.
4) 最終報告書 : イソヘキサ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 (SR20235), 株式会社化合物安全性研究所 2020 年
5) 血液学的検査/血液化学的検査 背景データ Crl:CD(SD) ラット [15 ~ 16/17 ~ 18 週齢 (2016 ~ 2021 年), 分娩後 14 日(2019 ~ 2021 年)] 株式会社化合物安全性研究所　社内資料
6) 病理組織学的検査 背景データ Crl:CD(SD) ラット(2012 ~ 2021 年) 株式会社化合物安全性研究所　社内資料
7) Swenberg, J.A., Short, B., Borghoff, S., Strasser, J., Charbonneau, M. (1989) The Comparative Pathobiology of α2u-Globulin Nephropathy. Toxicol. Appl. Pharmacol. 97, 35-46.

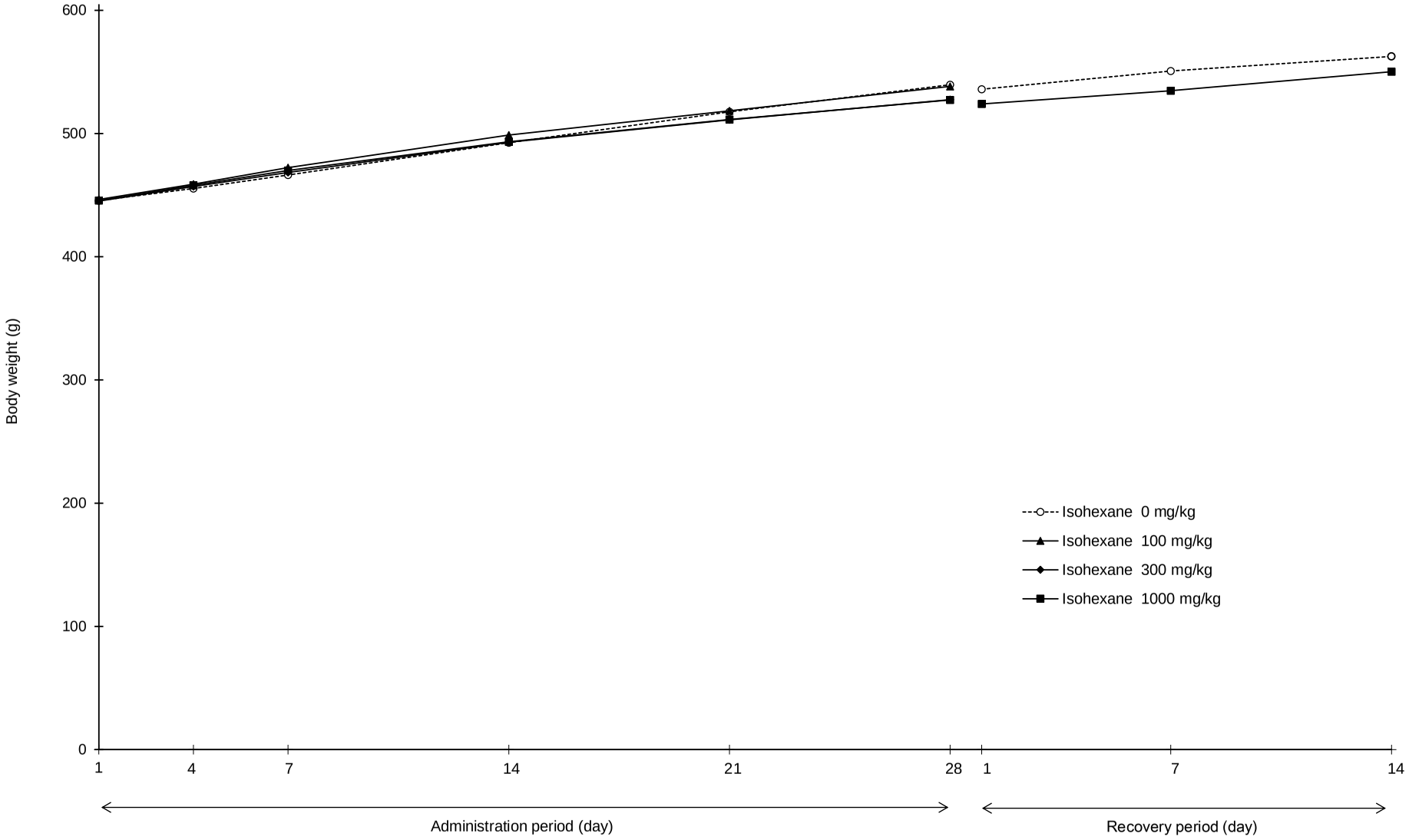
Figure 1 - 1

Study No. : SR20236

Body weight, Male

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

Species : Rat



Not significantly different from Isohexane 0 mg/kg

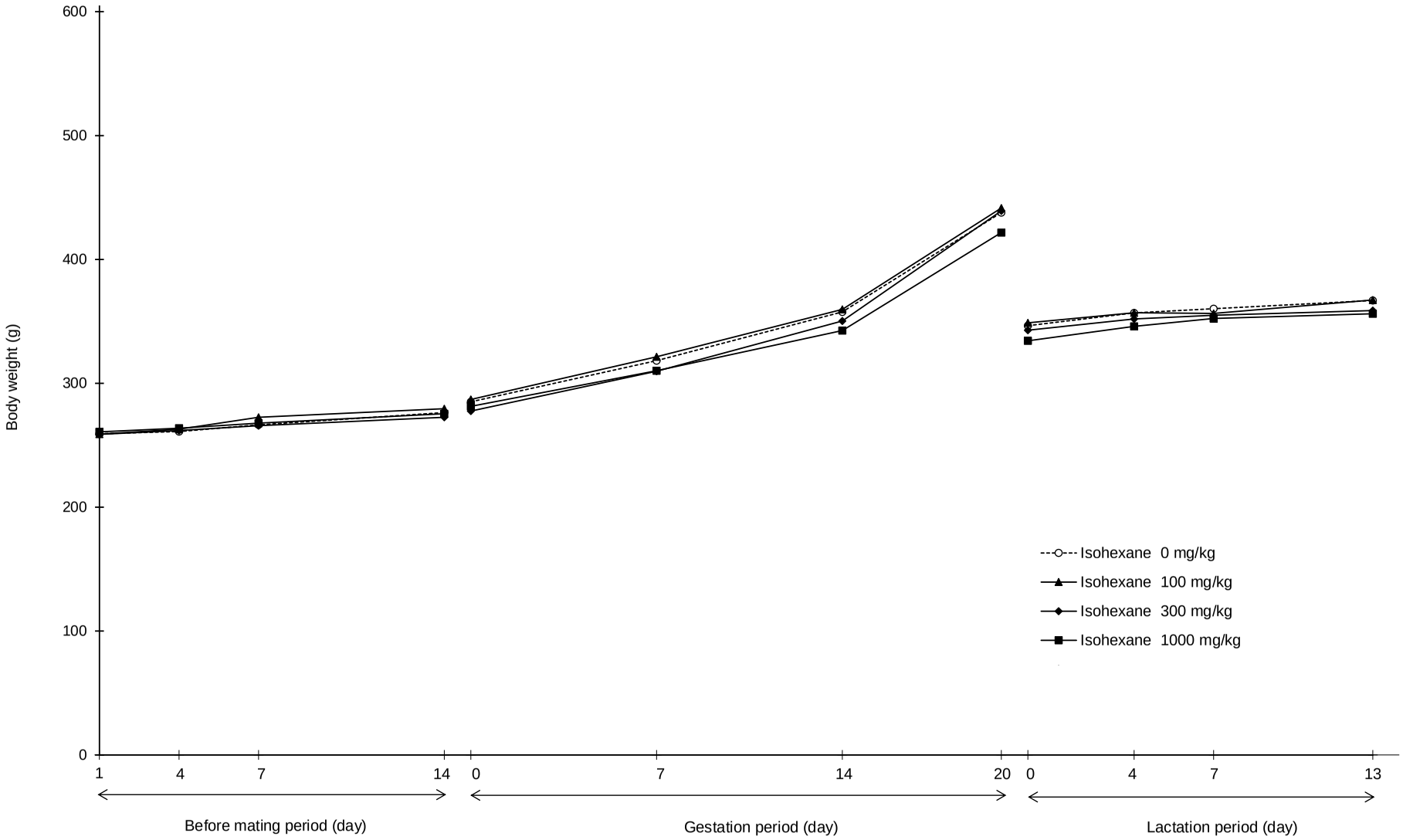
Figure 1 - 2

Study No. : SR20236

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 Isohexane 0 mg/kg

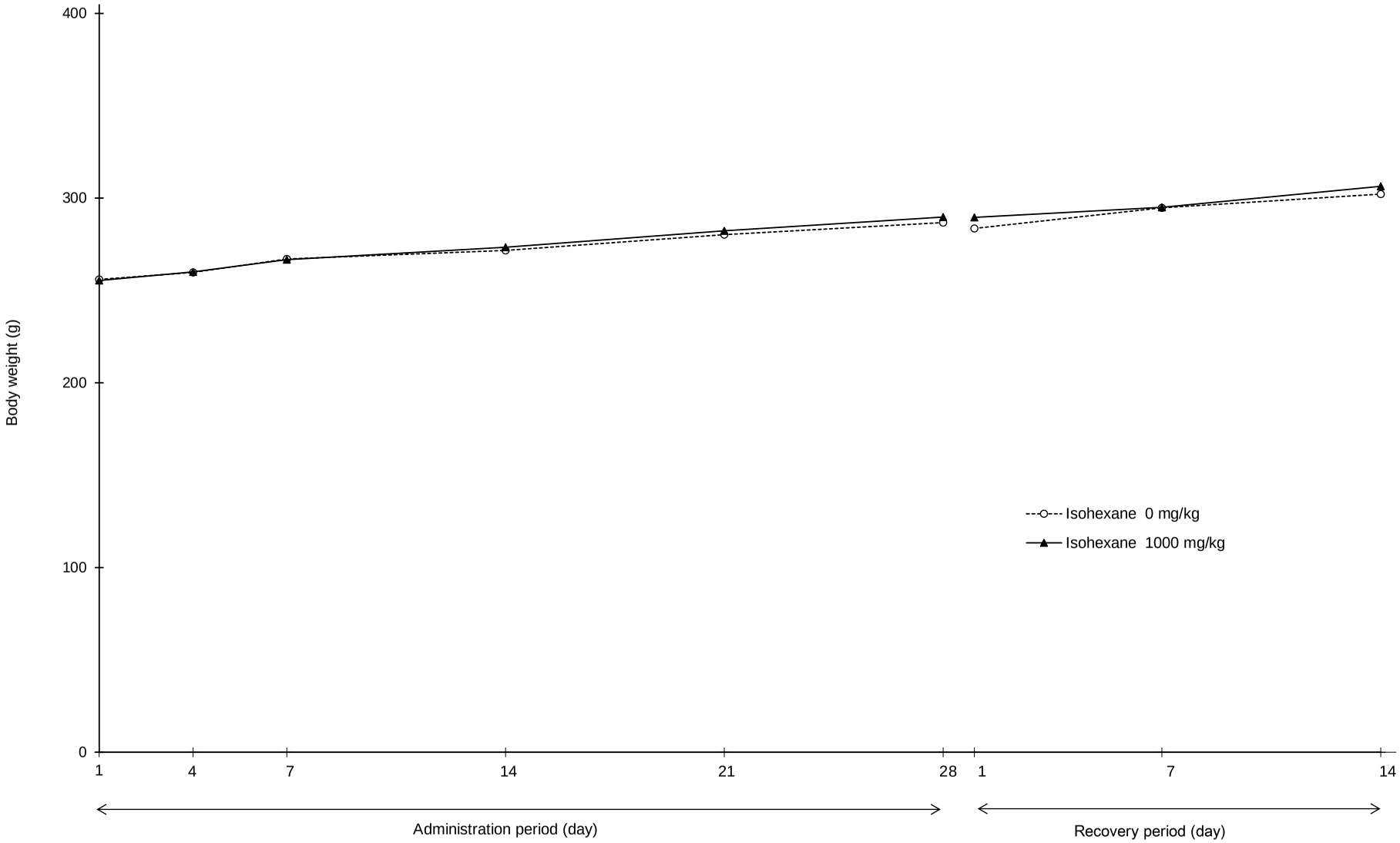
Figure 1 - 3

Study No. : SR20236

Body weight, Female (satellite)

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

Species : Rat



Not significantly different from Isohexane 0 mg/kg

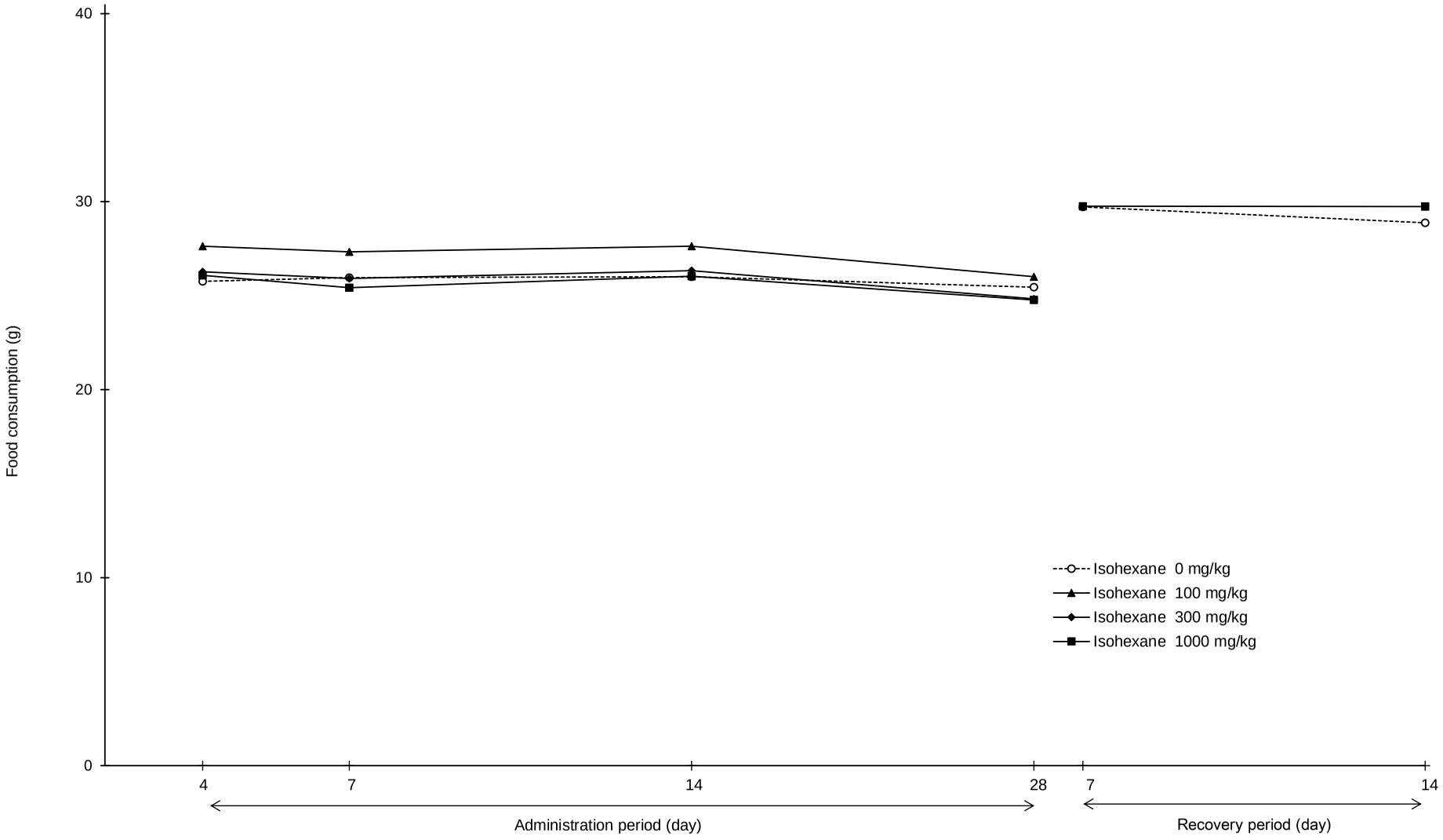
Figure 2 - 1

Study No. : SR20236

Food consumption, Male

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

Species : Rat



Not significantly different from Isohexane 0 mg/kg

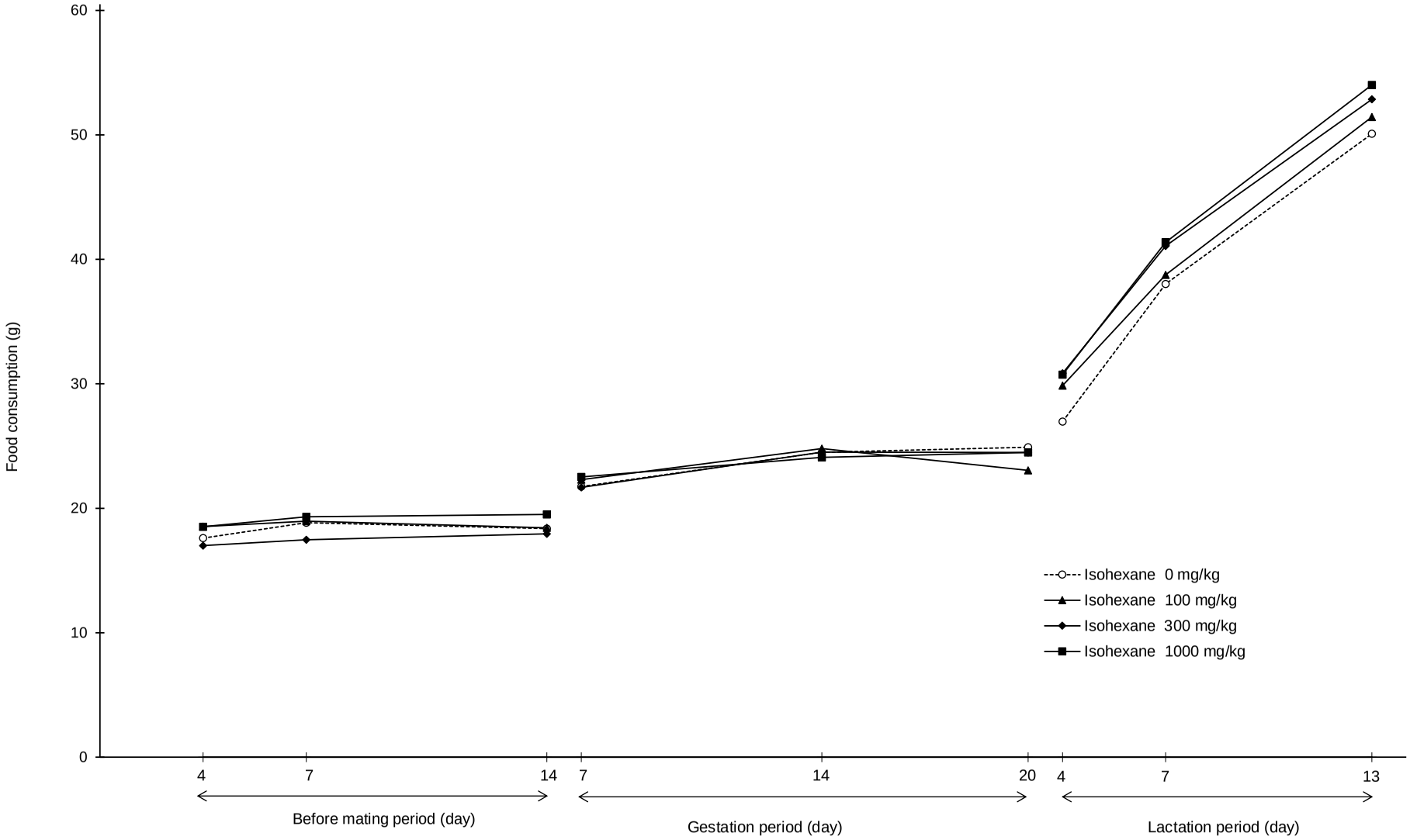
Figure 2 - 2

Study No. : SR20236

Food consumption, Female

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

Species : Rat



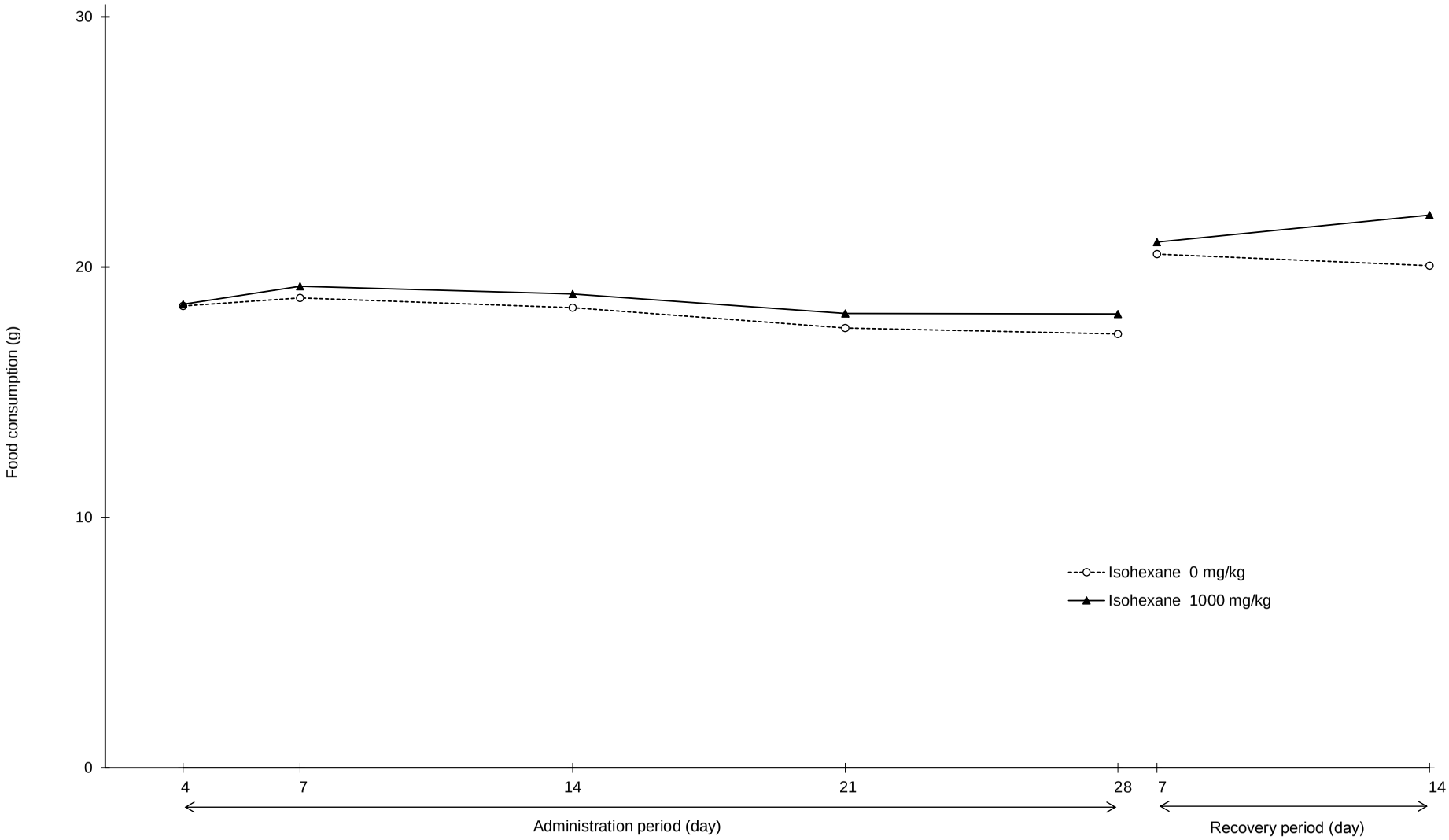
Not significantly different from Isohexane 0 mg/kg

Figure 2 - 3

Study No. : SR20236

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

Species : Rat



Not significantly different from Isohexane 0 mg/kg

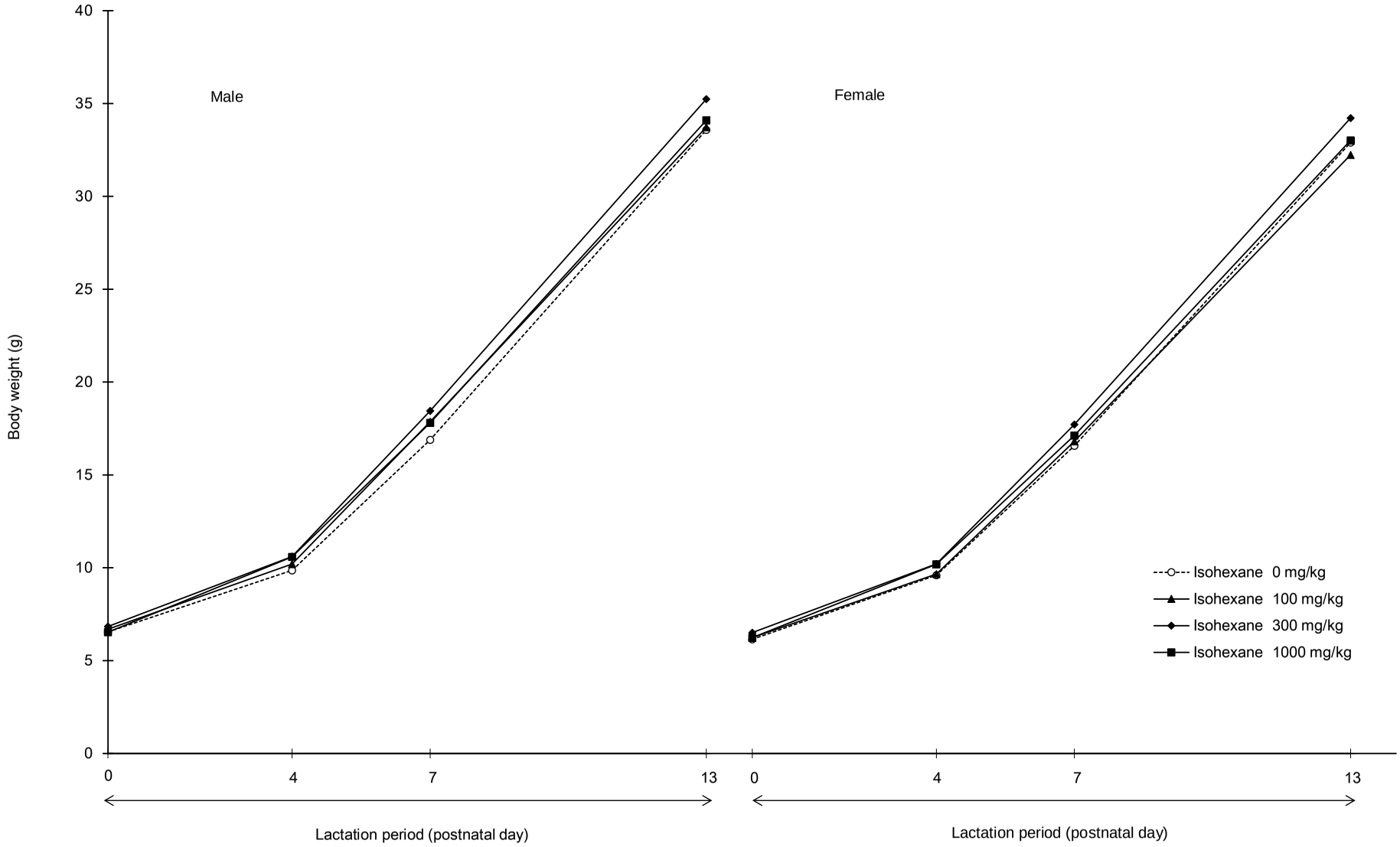
Figure 3

Study No. : SR20236

Body weight of offspring

Period : Postnatal Day 0-13

Species : Rat



Not significantly different from Isohexane 0 mg/kg

Table 1 - 1

Study No. : SR20236

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
Isohexane	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
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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
Isohexane	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
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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
Isohexane	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
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	25		26		27		28		29
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	3
Isohexane	n			12	12	12	12	12	12	12	12	7
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	7
Isohexane	n			12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	7
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	7

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

Table 1 - 2

Study No. : SR20236

Clinical sign

Period : F0 before mating Day 1-14/F0 mating Day 14-52

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
Isohexane	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
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	6	6	2	2
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	6	6	2	2
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	11	11	5	5
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	11	11	5	5
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	10	10	6	6
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	10	10	6	6
Isohexane	n			12	12	12	12	12	12	12	12	12	12	12	12	10	10	8	8
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	10	10	8	8

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
Isohexane	n			2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
0 mg/kg	No abnormality			2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
Isohexane	n			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 mg/kg	No abnormality			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isohexane	n			3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1
300 mg/kg	No abnormality			3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1
Isohexane	n			6	6	3	3	3	3	2	2	2	2	2	2	2	2	2	2
1000 mg/kg	No abnormality			6	6	3	3	3	3	2	2	2	2	2	2	2	2	2	2

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	
Isohexane	n			1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
0 mg/kg	No abnormality			1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
Isohexane	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Isohexane	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
300 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Isohexane	n			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
1000 mg/kg	No abnormality			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

1 : Before dosing, 2 : After dosing

Table 1 - 3

Study No. : SR20236

Clinical sign

Period : F0 before mating Day 1-14/F0 mating Day 14-52

Sex : Female

Species : Rat

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	2
Isohexane	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
Isohexane	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isohexane	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
300 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Isohexane	n		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1000 mg/kg	No abnormality		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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	2
Isohexane	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
Isohexane	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isohexane	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
300 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Isohexane	n		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1000 mg/kg	No abnormality		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Test article		Day	48	49		50		51		52
Dose	Clinical signs	Time	2	1	2	1	2	1	2	3
Isohexane	n		0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0
Isohexane	n		0	0	0	0	0	0	0	0
100 mg/kg	No abnormality		0	0	0	0	0	0	0	0
Isohexane	n		1	1	1	1	1	1	1	1
300 mg/kg	No abnormality		1	1	1	1	1	1	1	1
Isohexane	n		2	2	2	2	2	2	2	2
1000 mg/kg	No abnormality		2	2	2	2	2	2	2	2

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

Table 1 - 4

Study No. : SR20236

Clinical sign

Period : F0 gestation Day 0-26

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
Isohexane	n			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Isohexane	n			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
100 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
300 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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
Isohexane	n			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Isohexane	n			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
100 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
300 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article			Day	16		17		18		19		20		21		22		23	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Isohexane	n			11	11	11	11	11	11	11	11	11	11	11	11	5	5	1	1
0 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	5	5	1	1
Isohexane	n			11	11	11	11	11	11	11	11	11	11	11	11	5	5	0	0
100 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	5	5	0	0
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	5	5	0	0
300 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	5	5	0	0
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	4	4	0	0
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	4	4	0	0

Test article			Day	24		25		26
Dose		Clinical signs	Time	1	2	1	2	3
Isohexane	n			1	1	1	1	1
0 mg/kg	No abnormality			1	1	1	1	1
Isohexane	n			0	0	0	0	0
100 mg/kg	No abnormality			0	0	0	0	0
Isohexane	n			0	0	0	0	0
300 mg/kg	No abnormality			0	0	0	0	0
Isohexane	n			0	0	0	0	0
1000 mg/kg	No abnormality			0	0	0	0	0

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

Table 1 - 5

Study No. : SR20236

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
Isohexane	n		10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9
0 mg/kg	No abnormality		10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9
Isohexane	n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
100 mg/kg	No abnormality		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Isohexane	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
300 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Isohexane	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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
Isohexane	n		9	9	9	9	9	9	9	9	9	9	9	9	9
0 mg/kg	No abnormality		9	9	9	9	9	9	9	9	9	9	9	9	9
Isohexane	n		11	11	11	11	11	11	11	11	11	11	11	11	11
100 mg/kg	No abnormality		11	11	11	11	11	11	11	11	11	11	11	11	11
Isohexane	n		10	10	10	10	10	10	10	10	10	10	10	10	10
300 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10
Isohexane	n		10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10

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

Table 1 - 6

Study No. : SR20236

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
Isohexane	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
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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
Isohexane	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
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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
Isohexane	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
Isohexane	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article			Day	25		26		27		28		29
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	3
Isohexane	n			10	10	10	10	10	10	10	10	5
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	5
Isohexane	n			10	10	10	10	10	10	10	10	5
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	5

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

Table 1 - 7

Study No. : SR20236

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
Isohexane	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
Isohexane	n			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 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
Isohexane	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
Isohexane	n			5	5	5	5	5	5	5	5	5	5	5	5	5
1000 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 - 8

Study No. : SR20236

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
Isohexane	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
Isohexane	n		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 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
Isohexane	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
Isohexane	n		5	5	5	5	5	5	5	5	5	5	5	5	5
1000 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 2 - 1

Study No. : SR20236

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
Pre	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 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 Isohexane 0 mg/kg

Table 2 - 2

Study No. : SR20236

Detailed clinical observation (in the cage)
Sex : Female

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
Pre	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 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 Isohexane 0 mg/kg

Table 2 - 3

Study No. : SR20236

Detailed clinical observation (in the cage)

Sex : Female

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
Day 35	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 42	0 mg/kg	n	10	10	10	10	10	10
	100 mg/kg	n	11	11	11	11	11	11
	300 mg/kg	n	11	11	11	11	11	11
	1000 mg/kg	n	12	12	12	12	12	12
Day 49	0 mg/kg	n	10	10	10	10	10	10
	100 mg/kg	n	11	11	11	11	11	11
	300 mg/kg	n	11	11	11	11	11	11
	1000 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 Isohexane 0 mg/kg

Table 2 - 4

Study No. : SR20236

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
Pre	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10
	1000 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 Isohexane 0 mg/kg

Table 2 - 5

Study No. : SR20236

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
	1000 mg/kg	n	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5
	1000 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 Isohexane 0 mg/kg

Table 2 - 6

Study No. : SR20236

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
	1000 mg/kg	n	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5
	1000 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 Isohexane 0 mg/kg

Table 3 - 1

Study No. : SR20236

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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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 Isohexane 0 mg/kg

Table 3 - 2

Study No. : SR20236

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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 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 Isohexane 0 mg/kg

Table 3 - 3

Study No. : SR20236

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
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 42	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	100 mg/kg	n	11	11	11	11	11	11	11	11	11	11	11	11
	300 mg/kg	n	11	11	11	11	11	11	11	11	11	11	11	11
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 49	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	100 mg/kg	n	11	11	11	11	11	11	11	11	11	11	11	11
	300 mg/kg	n	11	11	11	11	11	11	11	11	11	11	11	11
	1000 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 Isohexane 0 mg/kg

Table 3 - 4

Study No. : SR20236

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
	1000 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
	1000 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
	1000 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
	1000 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
	1000 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 Isohexane 0 mg/kg

Table 3 - 5

Study No. : SR20236

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
			1	1	2	1	1	1	0	1	1	1	1	0
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 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
	1000 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 Isohexane 0 mg/kg

Table 3 - 6

Study No. : SR20236

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
			1	1	2	1	1	1	0	1	1	1	1	0
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 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
	1000 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 Isohexane 0 mg/kg

Table 4 - 1

Study No. : SR20236

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		Bizarre behavior		Aggression
											Excessive grooming	Unusual head movement	Walking backward	Vocaliza-tion	
			1	1	1	1	0	1	0	1	0	0	1	1	1
Pre	0 mg/kg	n	12	12	12	12	10	2	9	3	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	10	2	8	4	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	8	4	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	6	6	7	5	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	10	2	10	2	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	9	3	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	1000 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	10	2	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	9	3	10	2	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	9	3	10	2	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	10	2	9	3	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	9	3	10	2	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	9	3	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	9	3	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 Isohexane 0 mg/kg

Table 4 - 2

Study No. : SR20236

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		Bizarre behavior		Aggression
											Excessive grooming	Unusual head movement	Walking backward	Vocaliza-tion	
			1	1	1	1	0	1	0	1	0	0	1	1	1
Pre	0 mg/kg	n	12	12	12	12	10	2	10	2	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	9	3	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	10	2	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	9	3	9	3	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	10	2	11	1	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	9	3	12	0	12	12	12	12	12
	1000 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	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	9	3	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	12	0	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 Isohexane 0 mg/kg

Table 4 - 3

Study No. : SR20236

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: Vocalization	Aggression
			1	1	1	1	0	1	0	1	0	1	0	1	1	1
Day 35	0 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	100 mg/kg	n	11	11	11	11	10	1	10	1	10	1	11	11	11	11
	300 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
Day 42	0 mg/kg	n	10	10	10	10	10	0	9	1	10	0	10	10	10	10
	100 mg/kg	n	11	11	11	11	9	2	11	0	11	0	11	11	11	11
	300 mg/kg	n	11	11	11	11	8	3	11	0	11	0	11	11	11	11
	1000 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
Day 49	0 mg/kg	n	10	10	10	10	9	1	10	0	10	0	10	10	10	10
	100 mg/kg	n	11	11	11	11	10	1	11	0	11	0	11	11	11	11
	300 mg/kg	n	11	11	11	11	10	1	11	0	10	1	11	11	11	11
	1000 mg/kg	n	12	12	12	12	10	2	12	0	12	0	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 Isohexane 0 mg/kg

Table 4 - 4

Study No. : SR20236

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	1	0	0	1	1	1
Pre	0 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	8	2	8	2	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	8	2	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	9	1	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	8	2	10	0	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	0	10	0	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 Isohexane 0 mg/kg

Table 4 - 5

Study No. : SR20236

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	1	0	0	1	1	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	4	1	4	1	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	4	1	5	0	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	0	4	1	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	4	1	5	0	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 Isohexane 0 mg/kg

Table 4 - 6

Study No. : SR20236

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	0	0	0	1	1	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	1000 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
	1000 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 Isohexane 0 mg/kg

Table 5 - 1

Study No. : SR20236

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
100 mg/kg	n	5	5	5	5	5	5
300 mg/kg	n	5	5	5	5	5	5
1000 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 Isohexane 0 mg/kg

Table 5 - 2

Study No. : SR20236

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
100 mg/kg	n	5	5	5	5	5	5
300 mg/kg	n	5	5	5	5	5	5
1000 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 Isohexane 0 mg/kg

Table 5 - 3

Study No. : SR20236

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
1000 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 Isohexane 0 mg/kg

Table 5 - 4

Study No. : SR20236

Functional observations (on the desk)

Stage : Recovery week 2

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
1000 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 Isohexane 0 mg/kg

Table 6 - 1

Study No. : SR20236

Grip strength

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Isohexane	n	5	5
0 mg/kg	Mean	1735.32	655.60
	S.D.	233.65	74.71
Isohexane	n	5	5
100 mg/kg	Mean	1549.34	630.96
	S.D.	276.93	101.70
Isohexane	n	5	5
300 mg/kg	Mean	1639.80	668.94
	S.D.	216.75	39.02
Isohexane	n	5	5
1000 mg/kg	Mean	1764.52	664.14
	S.D.	179.55	86.19

Not significantly different from Isohexane 0 mg/kg

Table 6 - 2

Study No. : SR20236

Grip strength
Sex : Female

Stage : Lactation Day 13

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Isohexane	n	5	5
0 mg/kg	Mean	1349.52	543.02
	S.D.	129.89	38.74
Isohexane	n	5	5
100 mg/kg	Mean	1456.54	582.20
	S.D.	120.32	37.32
Isohexane	n	5	5
300 mg/kg	Mean	1460.26	522.78
	S.D.	159.95	40.12
Isohexane	n	5	5
1000 mg/kg	Mean	1447.94	551.20
	S.D.	110.68	54.49

Not significantly different from Isohexane 0 mg/kg

Table 6 - 3

Study No. : SR20236

Grip strength

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Isohexane 0 mg/kg	n	5	5
	Mean	1181.52	448.94
	S.D.	109.70	31.71
Isohexane 1000 mg/kg	n	5	5
	Mean	1296.32	485.08
	S.D.	120.49	33.29

Not significantly different from Isohexane 0 mg/kg

Table 6 - 4

Study No. : SR20236

Grip strength

Stage : Recovery Week 2

Sex : Male

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Isohexane	n	5	5
0 mg/kg	Mean	1797.12	757.74
	S.D.	58.84	85.03
Isohexane	n	5	5
1000 mg/kg	Mean	1894.16	758.54
	S.D.	191.40	46.49

Not significantly different from Isohexane 0 mg/kg

Table 7 - 1

Study No. : SR20236

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.
Isohexane	n	5	5	5	5	5	5	5
0 mg/kg	Mean	558.0	308.2	256.4	222.8	126.0	72.4	1543.8
	S.D.	118.4	154.4	111.5	88.0	45.9	72.6	405.7
Isohexane	n	5	5	5	5	5	5	5
100 mg/kg	Mean	544.2	454.6	308.0	213.8	114.8	142.6	1778.0
	S.D.	240.9	290.3	267.2	229.1	108.3	38.8	1080.9
Isohexane	n	5	5	5	5	5	5	5
300 mg/kg	Mean	408.0	243.4	174.8	74.2	84.4	72.0	1056.8
	S.D.	182.9	91.4	124.2	88.4	91.6	67.7	604.5
Isohexane	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	535.2	271.2	141.0	31.6	38.0	30.4	1047.4
	S.D.	122.5	89.9	66.0	47.8	66.6	41.8	331.2
					ST *			

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

ST : Steel test (two-side)

Table 7 - 2

Study No. : SR20236

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.
Isohexane	n	5	5	5	5	5	5	5
0 mg/kg	Mean	537.0	226.8	115.0	138.2	91.2	87.6	1195.8
	S.D.	191.0	80.5	94.1	85.0	97.7	94.5	265.2
Isohexane	n	5	5	5	5	5	5	5
100 mg/kg	Mean	453.6	229.6	86.6	144.6	94.6	72.0	1081.0
	S.D.	105.2	33.7	56.4	64.2	38.3	83.7	285.9
Isohexane	n	5	5	5	5	5	5	5
300 mg/kg	Mean	344.6	156.0	94.0	59.2	104.0	27.8	785.6
	S.D.	157.2	87.7	82.6	71.8	128.3	31.9	379.5
Isohexane	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	528.2	210.8	75.8	12.0	202.8	74.6	1104.2
	S.D.	119.1	257.6	99.5	20.4	247.9	93.9	561.5
					DT *			

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

DT : Dunnett test (two-side)

Table 7 - 3

Study No. : SR20236

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.
Isohexane	n	5	5	5	5	5	5	5
0 mg/kg	Mean	486.6	337.0	227.8	144.0	71.8	51.4	1318.6
	S.D.	173.3	144.3	126.9	159.3	150.2	101.4	641.1
Isohexane	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	568.0	310.6	181.6	79.2	74.8	15.2	1229.4
	S.D.	121.6	45.3	63.4	47.9	56.4	31.8	231.3

Not significantly different from Isohexane 0 mg/kg

Table 7 - 4

Study No. : SR20236

Motor activity measurements

Stage : Recovery Week 2

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.
Isohexane	n	5	5	5	5	5	5	5
0 mg/kg	Mean	418.6	187.4	102.6	40.2	62.0	11.2	822.0
	S.D.	186.2	119.6	117.4	23.9	55.5	17.2	437.1
Isohexane	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	352.2	154.0	70.4	27.2	51.0	50.0	704.8
	S.D.	163.1	77.5	68.0	19.0	44.4	82.8	276.9

Not significantly different from Isohexane 0 mg/kg

Table 8 - 1

Study No. : SR20236

Body weight

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article Dose		/Day 1	4	7	14	21	28	Body weight gain
Isohexane	n	12	12	12	12	12	12	12
0 mg/kg	Mean	445.6	455.4	466.3	492.6	517.7	539.6	94.0
	S.D.	21.6	24.2	27.0	34.5	38.5	41.1	25.2
Isohexane	n	12	12	12	12	12	12	12
100 mg/kg	Mean	446.5	458.9	472.3	498.8	518.4	538.3	91.8
	S.D.	20.1	21.2	23.6	25.6	22.3	24.7	15.4
Isohexane	n	12	12	12	12	12	12	12
300 mg/kg	Mean	445.2	457.0	468.4	492.9	511.2	527.5	82.3
	S.D.	23.0	25.0	28.0	31.4	33.2	39.1	20.7
Isohexane	n	12	12	12	12	12	12	12
1000 mg/kg	Mean	445.6	457.9	470.0	493.3	511.4	527.3	81.8
	S.D.	21.1	24.9	27.2	32.7	34.9	36.9	20.8

Not significantly different from Isohexane 0 mg/kg

Table 8 - 2

Study No. : SR20236

Body weight

Period : F0 before mating Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article Dose		/Day 1	4	7	14	Body weight gain
Isohexane	n	12	12	12	12	12
0 mg/kg	Mean	259.3	261.0	266.5	276.4	17.1
	S.D.	15.8	16.2	17.2	20.5	10.7
Isohexane	n	12	12	12	12	12
100 mg/kg	Mean	259.0	262.9	272.6	279.5	20.5
	S.D.	18.6	16.2	20.0	25.1	10.3
Isohexane	n	12	12	12	12	12
300 mg/kg	Mean	258.8	261.8	265.8	272.6	13.8
	S.D.	13.3	11.7	14.3	13.9	7.6
Isohexane	n	12	12	12	12	12
1000 mg/kg	Mean	260.8	263.7	267.9	275.4	14.6
	S.D.	14.8	14.2	14.5	17.5	6.1

Not significantly different from Isohexane 0 mg/kg

Table 8 - 3

Study No. : SR20236

Body weight

Period : F0 gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article Dose		/Day 0	7	14	20	Body weight gain
Isohexane	n	11	11	11	11	11
0 mg/kg	Mean	285.0	318.3	357.6	437.8	152.8
	S.D.	22.6	22.1	22.7	36.4	25.5
Isohexane	n	11	11	11	11	11
100 mg/kg	Mean	287.0	321.4	359.7	441.5	154.5
	S.D.	27.7	37.8	44.1	50.2	26.8
Isohexane	n	10	10	10	10	10
300 mg/kg	Mean	277.6	309.8	350.3	439.2	161.6
	S.D.	14.4	17.5	23.1	32.2	19.3
Isohexane	n	10	10	10	10	10
1000 mg/kg	Mean	281.4	310.2	342.6	421.7	140.3
	S.D.	16.8	18.3	23.2	34.8	20.4

Not significantly different from Isohexane 0 mg/kg

Table 8 - 4

Study No. : SR20236

Body weight

Period : F0 lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article Dose		/Day 0	4	7	13	Body weight gain
Isohexane	n	10	9	9	9	9
0 mg/kg	Mean	346.5	356.8	360.2	366.8	17.3
	S.D.	30.0	30.1	28.0	25.8	15.8
Isohexane	n	11	11	11	11	11
100 mg/kg	Mean	348.8	356.9	356.4	367.3	18.5
	S.D.	44.1	44.1	38.7	33.6	16.8
Isohexane	n	10	10	10	10	10
300 mg/kg	Mean	342.8	352.0	354.9	358.7	15.9
	S.D.	22.3	16.6	20.0	14.6	14.6
Isohexane	n	10	10	10	10	10
1000 mg/kg	Mean	334.3	346.0	352.3	356.1	21.8
	S.D.	22.7	27.6	21.8	23.6	8.2

Not significantly different from Isohexane 0 mg/kg

Table 8 - 5

Study No. : SR20236

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
Isohexane	n	10	10	10	10	10	10	10
0 mg/kg	Mean	256.0	259.8	267.1	271.7	280.2	286.8	30.8
	S.D.	6.4	10.4	7.9	10.7	9.7	11.7	6.8
Isohexane	n	10	10	10	10	10	10	10
1000 mg/kg	Mean	255.4	260.1	266.7	273.4	282.3	289.8	34.4
	S.D.	11.8	10.7	14.2	17.4	19.6	23.2	16.0

Not significantly different from Isohexane 0 mg/kg

Table 8 - 6

Study No. : SR20236

Body weight

Period : Recovery Day 1-14

Sex : Male

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
Isohexane	n	5	5	5	5
0 mg/kg	Mean	536.0	550.8	562.6	26.6
	S.D.	5.3	6.2	11.0	12.9
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	524.0	534.8	550.2	26.2
	S.D.	24.5	28.7	31.2	8.7

Not significantly different from Isohexane 0 mg/kg

Table 8 - 7

Study No. : SR20236

Body weight

Period : Recovery Day 1-14

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
Isohexane	n	5	5	5	5
0 mg/kg	Mean	283.6	294.8	302.2	18.6
	S.D.	7.2	9.3	6.3	7.3
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	289.6	295.0	306.4	16.8
	S.D.	26.7	30.2	27.8	4.3

Not significantly different from Isohexane 0 mg/kg

Table 9 - 1

Study No. : SR20236

Food consumption

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day			
Dose		4	7	14	28
Isohexane	n	12	12	12	11
0 mg/kg	Mean	25.76	25.96	26.01	25.45
	S.D.	1.70	2.15	2.69	2.51
Isohexane	n	12	12	12	12
100 mg/kg	Mean	27.63	27.33	27.63	26.01
	S.D.	2.11	2.68	2.59	2.26
Isohexane	n	12	12	12	10
300 mg/kg	Mean	26.27	25.92	26.33	24.83
	S.D.	3.00	2.91	3.16	3.48
Isohexane	n	12	12	12	10
1000 mg/kg	Mean	26.08	25.43	26.03	24.77
	S.D.	2.87	3.16	2.92	2.33

Not significantly different from Isohexane 0 mg/kg

Table 9 - 2

Study No. : SR20236

Food consumption

Period : F0 before mating Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	14
Isohexane	n	12	12	12
0 mg/kg	Mean	17.60	18.84	18.36
	S.D.	2.53	2.51	2.16
Isohexane	n	12	12	12
100 mg/kg	Mean	18.53	18.96	18.43
	S.D.	1.51	2.78	2.30
Isohexane	n	12	12	12
300 mg/kg	Mean	17.00	17.47	17.94
	S.D.	1.42	2.82	1.55
Isohexane	n	12	12	12
1000 mg/kg	Mean	18.52	19.31	19.50
	S.D.	2.10	2.29	2.25

Not significantly different from Isohexane 0 mg/kg

Table 9 - 3

Study No. : SR20236

Food consumption

Period : F0 gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		7	14	20
Isohexane	n	11	11	11
0 mg/kg	Mean	21.75	24.50	24.91
	S.D.	2.40	2.79	3.79
Isohexane	n	11	11	11
100 mg/kg	Mean	22.30	24.80	23.05
	S.D.	3.98	5.13	3.20
Isohexane	n	10	10	10
300 mg/kg	Mean	21.67	24.51	24.49
	S.D.	2.18	2.36	1.86
Isohexane	n	10	10	10
1000 mg/kg	Mean	22.51	24.09	24.48
	S.D.	2.98	2.76	2.80

Not significantly different from Isohexane 0 mg/kg

Table 9 - 4

Study No. : SR20236

Food consumption

Period : F0 lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	13
Isohexane	n	9	9	9
0 mg/kg	Mean	26.97	38.02	50.09
	S.D.	5.83	5.95	6.46
Isohexane	n	11	11	11
100 mg/kg	Mean	29.85	38.76	51.44
	S.D.	4.13	5.01	2.87
Isohexane	n	10	10	10
300 mg/kg	Mean	30.84	41.07	52.86
	S.D.	4.37	3.57	3.22
Isohexane	n	10	10	10
1000 mg/kg	Mean	30.74	41.38	54.02
	S.D.	7.08	4.06	7.54

Not significantly different from Isohexane 0 mg/kg

Table 9 - 5

Study No. : SR20236

Food consumption

Period : Administration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day				
Dose		4	7	14	21	28
Isohexane	n	10	10	10	10	10
0 mg/kg	Mean	18.45	18.77	18.38	17.57	17.33
	S.D.	3.43	1.57	1.67	1.39	1.30
Isohexane	n	10	10	10	10	10
1000 mg/kg	Mean	18.52	19.24	18.93	18.15	18.13
	S.D.	2.15	2.33	1.99	2.01	1.32

Not significantly different from Isohexane 0 mg/kg

Table 9 - 6

Study No. : SR20236

Food consumption

Period : Recovery Day 1-14

Sex : Male

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
Isohexane	n	5	5
0 mg/kg	Mean	29.72	28.88
	S.D.	1.57	1.12
Isohexane	n	5	5
1000 mg/kg	Mean	29.76	29.74
	S.D.	2.32	3.43

Not significantly different from Isohexane 0 mg/kg

Table 9 - 7

Study No. : SR20236

Food consumption

Period : Recovery Day 1-14

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
Isohexane	n	5	5
0 mg/kg	Mean	20.52	20.06
	S.D.	1.13	1.68
Isohexane	n	5	5
1000 mg/kg	Mean	21.00	22.08
	S.D.	1.57	2.13

Not significantly different from Isohexane 0 mg/kg

Table 10 - 1

Study No. : SR20236

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
Isohexane 0 mg/kg	n	0	0	0	0	0	1	4
Isohexane 100 mg/kg	n	0	0	0	0	1	1	3
Isohexane 300 mg/kg	n	0	0	0	1	0	0	4
Isohexane 1000 mg/kg	n	0	0	0	0	0	0	5

Test article Dose		Glucose -	+	2+	3+	Ketone body -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Isohexane 100 mg/kg	n	5	0	0	0	5	0	0	0	0
Isohexane 300 mg/kg	n	5	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	5	0	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 2

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Urobilinogen EU/dL 0.1	1	2	4	8	Bilirubin -	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 100 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 300 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Isohexane 0 mg/kg	n	4	1	0	0	0	5	0	0	0
Isohexane 100 mg/kg	n	3	1	1	0	0	5	0	0	0
Isohexane 300 mg/kg	n	4	1	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	4	0	1	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 Isohexane 0 mg/kg

Table 10 - 3

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Protein -	±	+	2+	3+	4+
Isohexane 0 mg/kg	n	0	0	3	2	0	0
Isohexane 100 mg/kg	n	0	1	3	1	0	0
Isohexane 300 mg/kg	n	0	0	2	3	0	0
Isohexane 1000 mg/kg	n	0	1	0	4	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 4

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Urine volume mL/21hr
Isohexane 0 mg/kg	n	5
	Mean	13.40
	S.D.	9.87
Isohexane 100 mg/kg	n	5
	Mean	21.00
	S.D.	15.36
Isohexane 300 mg/kg	n	5
	Mean	11.30
	S.D.	2.86
Isohexane 1000 mg/kg	n	5
	Mean	14.90
	S.D.	6.44

Not significantly different from Isohexane 0 mg/kg

Table 10 - 5

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Specific gravity 0	1	2	3	4	5
Isohexane 0 mg/kg	n	0	0	1	0	0	4
Isohexane 100 mg/kg	n	0	0	1	2	1	1
Isohexane 300 mg/kg	n	0	0	0	0	2	3
Isohexane 1000 mg/kg	n	0	0	0	2	1	2

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 Isohexane 0 mg/kg

Table 10 - 6

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		RBC -	±	+	2+	3+	WBC -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 100 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous -	±	+	2+	3+	Round -	±	+	2+	3+
Isohexane 0 mg/kg	n	2	3	0	0	0	5	0	0	0	0
Isohexane 100 mg/kg	n	2	3	0	0	0	5	0	0	0	0
Isohexane 300 mg/kg	n	4	1	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	1	4	0	0	0	5	0	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 7

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 100 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 8

Study No. : SR20236

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
Isohexane 0 mg/kg	n	0	0	0	0	0	3	2
Isohexane 1000 mg/kg	n	0	1	0	0	0	1	3

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	5	0	0	0	0

Test article		Urobilinogen					Bilirubin			
		EU/dL								
Dose		0.1	1	2	4	8	-	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 9

Study No. : SR20236

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
Isohexane 0 mg/kg	n	0	3	1	1	0	0
Isohexane 1000 mg/kg	n	0	1	3	1	0	0

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

Table 10 - 10

Study No. : SR20236

Urinary findings

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
Isohexane	n	5
0 mg/kg	Mean	9.40
	S.D.	2.97
Isohexane	n	5
1000 mg/kg	Mean	9.30
	S.D.	4.94

Not significantly different from Isohexane 0 mg/kg

Table 10 - 11

Study No. : SR20236

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Test article Dose		Specific gravity 0	1	2	3	4	5
Isohexane 0 mg/kg	n	0	0	0	2	1	2
Isohexane 1000 mg/kg	n	0	0	0	0	3	2

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 Isohexane 0 mg/kg

Table 10 - 12

Study No. : SR20236

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Test article Dose		RBC -	±	+	2+	3+	WBC -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous -	±	+	2+	3+	Round -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Small round -	±	+	2+	3+	Cast -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 13

Study No. : SR20236

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
Isohexane 0 mg/kg	n	0	0	0	0	0	1	4
Isohexane 1000 mg/kg	n	0	0	0	0	0	2	3

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Isohexane 1000 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+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 14

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Recovery Week 2

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Isohexane 0 mg/kg	n	3	2	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	3	2	0	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
Isohexane 0 mg/kg	n	0	0	2	3	0	0
Isohexane 1000 mg/kg	n	0	1	1	3	0	0

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

Table 10 - 15

Study No. : SR20236

Urinary findings

Stage : Recovery Week 2

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
Isohexane 0 mg/kg	n	5
	Mean	14.40
	S.D.	9.63
Isohexane 1000 mg/kg	n	5
	Mean	18.70
	S.D.	8.13

Not significantly different from Isohexane 0 mg/kg

Table 10 - 16

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Recovery Week 2

Species : Rat

Test article Dose		Specific gravity					
		0	1	2	3	4	5
Isohexane 0 mg/kg	n	0	0	1	0	0	4
Isohexane 1000 mg/kg	n	0	0	0	2	1	2

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 Isohexane 0 mg/kg

Table 10 - 17

Study No. : SR20236

Urinary findings
Sex : Male

Stage : Recovery Week 2

Species : Rat

Test article Dose		RBC -	±	+	2+	3+	WBC -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous -	±	+	2+	3+	Round -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	4	1	0	0	0	5	0	0	0	0

Test article Dose		Small round -	±	+	2+	3+	Cast -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 18

Study No. : SR20236

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
Isohexane 0 mg/kg	n	0	0	0	0	0	1	4
Isohexane 1000 mg/kg	n	0	0	0	1	0	0	4

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	5	0	0	0	0
Isohexane 1000 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+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 10 - 19

Study No. : SR20236

Urinary findings
Sex : Female (satellite)

Stage : Recovery Week 2

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
Isohexane 0 mg/kg	n	4	1	0	0	0	5	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
Isohexane 0 mg/kg	n	0	2	2	1	0	0
Isohexane 1000 mg/kg	n	0	1	4	0	0	0

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

Table 10 - 20

Study No. : SR20236

Urinary findings

Stage : Recovery Week 2

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
Isohexane	n	5
0 mg/kg	Mean	15.00
	S.D.	6.97
Isohexane	n	5
1000 mg/kg	Mean	10.50
	S.D.	4.11

Not significantly different from Isohexane 0 mg/kg

Table 10 - 21

Study No. : SR20236

Urinary findings
Sex : Female (satellite)

Stage : Recovery Week 2

Species : Rat

Test article Dose		Specific gravity 0	1	2	3	4	5
Isohexane 0 mg/kg	n	0	0	1	2	1	1
Isohexane 1000 mg/kg	n	0	0	0	1	1	3

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 Isohexane 0 mg/kg

Table 10 - 22

Study No. : SR20236

Urinary findings
Sex : Female (satellite)

Stage : Recovery Week 2

Species : Rat

Test article Dose		RBC -	±	+	2+	3+	WBC -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous -	±	+	2+	3+	Round -	±	+	2+	3+
Isohexane 0 mg/kg	n	4	1	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	4	1	0	0	0	5	0	0	0	0

Test article Dose		Small round -	±	+	2+	3+	Cast -	±	+	2+	3+
Isohexane 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Isohexane 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from Isohexane 0 mg/kg

Table 11 - 1

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	853.0	15.28	42.92	50.34	17.94	35.58	3.640	114.72	101.30	19.46
	S.D.	27.7	0.42	1.06	1.63	0.34	0.59	0.558	11.21	19.66	5.26
Isohexane	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	837.6	15.28	42.88	51.30	18.26	35.66	3.592	113.82	97.64	22.12
	S.D.	47.0	0.54	1.01	2.40	0.47	0.74	0.509	17.49	26.35	7.44
Isohexane	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	882.0	15.74	44.04	50.02	17.86	35.72	3.090	106.38	95.84	22.42
	S.D.	56.5	0.79	1.90	1.69	0.55	0.41	0.243	10.64	14.11	5.48
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	891.6	15.56	43.92	49.30	17.46	35.42	3.364	122.08	84.82	18.54
	S.D.	26.4	0.55	1.08	1.44	0.58	0.45	0.529	10.03	16.20	2.44

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Isohexane	n	5	5	5	5	5	5
0 mg/kg	Mean	75.86	4.66	1.22	0.10	18.10	18.76
	S.D.	15.27	1.29	0.44	0.00	3.44	1.26
Isohexane	n	5	5	5	5	5	5
100 mg/kg	Mean	69.80	4.48	1.16	0.08	18.46	20.60
	S.D.	20.92	1.18	0.36	0.04	2.38	2.51
Isohexane	n	5	5	5	5	5	5
300 mg/kg	Mean	67.12	4.70	1.50	0.10	18.46	20.16
	S.D.	10.70	1.42	0.57	0.12	2.28	2.07
Isohexane	n	5	5	5	5	5	5
1000 mg/kg	Mean	61.06	4.02	1.18	0.02	21.34	21.48
	S.D.	13.70	1.15	0.60	0.04	3.97	2.48

Not significantly different from Isohexane 0 mg/kg

Table 11 - 2

Study No. : SR20236

Hematological findings
Sex : Female

Stage : Day 14 after parturition

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	775.0	15.08	42.12	54.40	19.48	35.78	4.484	126.04	84.16	30.50
	S.D.	24.4	0.24	0.69	2.11	0.64	0.50	0.732	6.59	20.92	9.88
Isohexane	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	755.2	14.64	41.20	54.58	19.38	35.54	4.172	118.70	82.62	35.88
	S.D.	32.6	0.68	1.59	1.84	0.47	0.80	0.768	17.00	19.56	11.09
Isohexane	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	772.6	15.46	43.14	55.88	20.02	35.84	4.602	109.22	84.22	37.20
	S.D.	32.0	0.67	2.17	2.96	0.70	0.62	1.022	16.51	27.55	11.09
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	756.6	15.04	42.22	55.78	19.88	35.62	4.074	98.06	82.68	35.30
	S.D.	32.3	0.76	2.24	1.81	0.68	0.36	0.696	10.97 DT *	13.38	5.35

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Isohexane	n	5	5	5	5	5	5
0 mg/kg	Mean	48.32	4.38	0.96	0.00	16.66	14.68
	S.D.	11.70	1.45	0.50	0.00	1.02	0.77
Isohexane	n	5	5	5	5	5	5
100 mg/kg	Mean	41.34	4.44	0.94	0.02	16.00	14.36
	S.D.	16.58	1.63	0.60	0.04	0.80	0.73
Isohexane	n	5	5	5	5	5	5
300 mg/kg	Mean	42.74	3.74	0.52	0.02	16.44	13.04
	S.D.	14.56	2.51	0.47	0.04	0.55	3.02
Isohexane	n	5	5	5	5	5	5
1000 mg/kg	Mean	42.62	4.10	0.62	0.04	16.42	13.92
	S.D.	9.94	2.41	0.39	0.05	0.68	1.08

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

Table 11 - 3

Study No. : SR20236

Hematological findings
Sex : Female (satellite)

Stage : Day 29

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	852.8	15.62	43.06	50.54	18.32	36.26	2.822	105.36	47.82	6.78
	S.D.	31.7	0.27	0.69	2.00	0.61	0.43	0.495	4.63	9.11	3.53
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	825.8	15.22	42.40	51.44	18.46	35.90	2.818	118.36	47.22	7.36
	S.D.	54.0	0.70	1.60	1.78	0.39	0.62	0.392	7.45	11.83	2.43
									T2 *		

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Isohexane	n	5	5	5	5	5	5
0 mg/kg	Mean	38.42	1.66	0.96	0.00	16.08	14.16
	S.D.	5.45	0.62	0.34	0.00	0.50	1.32
Isohexane	n	5	5	5	5	5	5
1000 mg/kg	Mean	37.02	2.12	0.72	0.00	15.14	15.30
	S.D.	9.86	0.70	0.27	0.00	0.88	0.84

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

Table 11 - 4

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	865.8	15.36	42.92	49.56	17.74	35.82	2.866	98.50	82.18	13.90
	S.D.	20.8	0.60	2.05	2.40	0.55	0.76	0.414	14.59	17.00	2.94
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	871.0	15.62	43.52	50.06	17.94	35.90	2.926	106.20	85.12	15.32
	S.D.	45.1	0.57	1.16	2.86	0.86	0.71	0.398	15.24	13.07	5.40

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Isohexane	n	5	5	5	5	5	5
0 mg/kg	Mean	62.66	4.20	1.36	0.06	18.24	18.32
	S.D.	16.95	1.12	0.52	0.05	1.15	0.58
Isohexane	n	5	5	5	5	5	5
1000 mg/kg	Mean	63.98	4.24	1.54	0.04	23.74	21.42
	S.D.	10.53	1.57	0.38	0.05	4.42	1.53
						A2 *	T2 **

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

A2 : Welch test (two-side), T2 : Student t-test (two-side)

Table 11 - 5

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	851.4	15.62	43.22	50.84	18.38	36.14	2.928	98.88	63.50	10.58
	S.D.	46.4	0.55	1.35	1.89	0.66	0.35	0.901	14.04	18.46	7.44
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	806.2	14.80	40.82	50.82	18.44	36.26	2.888	83.36	54.88	8.14
	S.D.	55.5	0.25	0.75	3.90	1.36	0.30	0.681	43.46	13.08	5.13
			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
Isohexane	n	5	5	5	5	5	5
0 mg/kg	Mean	49.44	2.32	1.16	0.00	16.32	14.08
	S.D.	11.79	0.94	0.54	0.00	1.13	1.03
Isohexane	n	5	5	5	5	5	5
1000 mg/kg	Mean	43.72	2.10	0.92	0.00	16.28	14.54
	S.D.	11.96	0.92	0.44	0.00	0.76	1.21

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

T2 : Student t-test (two-side)

Table 12 - 1

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	68.6	32.0	377.4	0.52	0.052	9.72	152.0	71.2	43.6	5.54
	S.D.	10.9	6.0	76.5	0.16	0.008	2.96	7.3	22.9	39.9	0.31
Isohexane	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	77.0	31.4	409.6	0.60	0.058	26.78	147.0	58.8	37.6	5.38
	S.D.	14.5	5.7	86.8	0.07	0.008	21.59	17.4	11.7	13.1	0.30
Isohexane	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	72.6	30.2	451.8	0.58	0.060	16.28	143.6	64.4	25.2	5.44
	S.D.	11.3	2.2	94.1	0.13	0.010	15.60	15.0	12.3	10.5	0.27
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	83.0	30.4	396.2	0.66	0.054	16.50	141.6	71.6	25.8	5.52
	S.D.	23.2	4.4	47.3	0.22	0.011	4.35	10.7	10.2	20.1	0.26

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 %
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	12.52	0.278	144.6	4.628	104.4	9.46	6.12	0.898	2.616	47.26
	S.D.	1.14	0.031	0.9	0.050	1.1	0.42	0.41	0.041	0.116	1.11
Isohexane	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	13.26	0.316	144.2	4.606	103.6	9.36	6.52	0.872	2.502	46.50
	S.D.	2.29	0.055	0.4	0.154	0.5	0.23	0.30	0.033	0.118	0.91
Isohexane	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	14.14	0.302	144.6	4.608	104.2	9.32	6.00	0.888	2.548	46.92
	S.D.	1.67	0.019	0.5	0.149	1.1	0.36	0.43	0.113	0.138	3.28
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	14.24	0.322	144.6	4.792	102.4	9.22	6.28	0.828	2.498	45.28
	S.D.	0.98	0.038	0.5	0.242	0.9	0.22	0.41	0.033	0.100	1.01
						DT *					

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

DT : Dunnett test (two-side)

Table 12 - 2

Study No. : SR20236

Biochemical findings
Sex : Male

Stage : Day 29

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Isohexane	n	5	5	5	5
0 mg/kg	Mean	22.90	8.88	16.50	4.46
	S.D.	1.96	0.75	0.79	1.03
Isohexane	n	5	5	5	5
100 mg/kg	Mean	22.44	9.24	16.88	4.94
	S.D.	2.40	0.84	1.21	0.63
Isohexane	n	5	5	5	5
300 mg/kg	Mean	22.62	8.86	16.34	5.26
	S.D.	2.52	0.98	1.48	1.24
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	23.14	9.70	17.82	4.06
	S.D.	1.71	1.00	0.71	1.38

Not significantly different from Isohexane 0 mg/kg

Table 12 - 3

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	105.4	63.4	353.0	0.86	0.048	38.90	167.0	87.0	90.2	5.74
	S.D.	31.7	20.7	55.9	0.34	0.011	34.21	4.7	12.5	30.5	0.22
Isohexane	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	95.6	60.6	446.8	0.70	0.042	32.36	154.4	98.2	62.8	5.94
	S.D.	24.3	8.7	125.0	0.12	0.011	13.85	13.9	14.8	16.5	0.35
Isohexane	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	127.0	69.2	389.4	0.96	0.050	30.12	149.0	103.6	82.0	5.84
	S.D.	23.1	9.2	126.3	0.30	0.010	12.92	8.7	18.5	39.7	0.42
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	131.2	73.4	381.2	0.90	0.058	50.80	147.6	103.6	62.4	5.74
	S.D.	68.1	33.4	97.6	0.23	0.011	22.63	21.1	13.6	15.1	0.09

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 %
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	22.68	0.372	141.0	4.408	100.4	10.06	8.46	0.954	2.798	48.76
	S.D.	5.63	0.040	0.7	0.184	2.1	0.47	1.15	0.066	0.128	1.70
Isohexane	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	23.30	0.420	141.4	4.440	101.6	9.94	8.42	0.904	2.822	47.50
	S.D.	5.56	0.052	2.2	0.341	2.1	0.23	1.10	0.022	0.180	0.60
Isohexane	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	31.16	0.432	140.2	4.664	100.4	10.00	9.04	0.932	2.814	48.24
	S.D.	7.32	0.058	1.9	0.193	1.5	0.16	1.80	0.028	0.195	0.77
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	26.94	0.422	141.6	4.490	100.8	9.98	8.80	0.918	2.748	47.84
	S.D.	8.10	0.058	0.9	0.333	0.8	0.30	0.85	0.054	0.093	1.53

Not significantly different from Isohexane 0 mg/kg

Table 12 - 4

Study No. : SR20236

Biochemical findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Isohexane	n	5	5	5	5
0 mg/kg	Mean	21.02	9.42	17.24	3.56
	S.D.	1.55	0.83	0.96	0.75
Isohexane	n	5	5	5	5
100 mg/kg	Mean	22.26	9.12	17.26	3.86
	S.D.	2.04	0.90	0.79	0.88
Isohexane	n	5	5	5	5
300 mg/kg	Mean	20.56	10.62	17.32	3.26
	S.D.	1.93	1.32	0.86	0.47
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	21.26	10.04	17.42	3.44
	S.D.	1.56	1.68	1.16	0.63

Not significantly different from Isohexane 0 mg/kg

Table 12 - 5

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	68.6	28.6	250.2	0.92	0.070	23.36	151.6	63.8	11.4	5.86
	S.D.	18.2	12.3	41.7	0.41	0.007	14.43	5.9	6.5	4.9	0.21
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	80.2	43.2	167.2	0.68	0.068	14.94	137.2	78.0	18.0	6.36
	S.D.	31.3	18.5	35.0	0.28	0.011	7.02	12.7	11.7	11.9	0.59
				T2 **					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 %
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	17.32	0.340	143.6	4.298	105.0	9.28	5.52	1.066	3.024	51.56
	S.D.	1.71	0.019	0.5	0.198	1.9	0.24	0.51	0.034	0.114	0.75
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	17.08	0.326	143.6	4.514	104.4	9.84	5.82	1.156	3.406	53.50
	S.D.	1.95	0.021	0.9	0.255	1.8	0.42	1.06	0.098	0.420	2.25
							T2 *				

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Isohexane	n	5	5	5	5
0 mg/kg	Mean	19.52	7.12	15.82	5.98
	S.D.	0.93	0.37	0.92	1.63
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	19.38	7.66	14.42	5.04
	S.D.	1.45	1.06	1.78	0.55

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

T2 : Student t-test (two-side)

Table 12 - 6

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	69.2	28.4	403.6	0.72	0.058	11.84	154.0	62.6	27.2	5.32
	S.D.	15.1	3.8	68.3	0.08	0.008	4.98	13.4	12.1	10.7	0.16
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	62.2	28.4	324.8	0.68	0.048	5.86	159.8	77.6	32.2	5.56
	S.D.	5.8	3.6	70.7	0.15	0.008	1.53	21.7	32.0	20.6	0.24

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 %
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	16.42	0.308	143.6	4.528	104.8	9.00	5.84	0.838	2.418	45.48
	S.D.	2.30	0.019	1.3	0.179	1.5	0.16	0.15	0.079	0.110	2.29
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	16.52	0.330	143.6	4.498	104.6	9.06	5.60	0.806	2.480	44.58
	S.D.	1.57	0.021	0.9	0.260	1.9	0.36	0.34	0.051	0.121	1.58

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Isohexane	n	5	5	5	5
0 mg/kg	Mean	25.30	8.46	16.46	4.30
	S.D.	1.95	0.52	1.47	1.11
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	25.70	8.32	16.36	5.04
	S.D.	2.78	0.69	0.78	1.38

Not significantly different from Isohexane 0 mg/kg

Table 12 - 7

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	59.2	30.0	173.8	1.04	0.072	15.28	133.8	71.6	13.8	6.02
	S.D.	7.7	11.5	77.3	0.29	0.018	8.09	16.0	11.4	6.7	0.32
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	60.2	25.0	135.2	1.00	0.070	12.56	146.0	68.6	18.0	6.00
	S.D.	7.9	4.8	29.5	0.19	0.019	11.49	18.7	12.5	13.0	0.41

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 %
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	18.34	0.342	142.6	4.282	105.6	9.60	5.20	1.058	3.088	51.34
	S.D.	2.62	0.029	1.5	0.364	1.5	0.29	0.91	0.086	0.183	2.11
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	18.88	0.354	141.8	4.166	106.2	9.20	5.14	1.044	3.058	50.94
	S.D.	2.12	0.027	0.8	0.356	0.8	0.23	0.41	0.122	0.316	2.81
							T2 *				

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Isohexane	n	5	5	5	5
0 mg/kg	Mean	19.54	7.54	15.58	6.00
	S.D.	0.81	0.55	1.07	1.28
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	18.72	7.48	16.26	6.60
	S.D.	2.90	0.88	1.34	1.13

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

T2 : Student t-test (two-side)

Table 13

Study No. : SR20236

Serum T4 concentration

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		T4 ng/mL
Isohexane 0 mg/kg	n	7
	Mean	44.79
	S.D.	4.27
Isohexane 100 mg/kg	n	12
	Mean	46.87
	S.D.	5.86
Isohexane 300 mg/kg	n	12
	Mean	43.93
	S.D.	4.31
Isohexane 1000 mg/kg	n	7
	Mean	46.09
	S.D.	7.16

Not significantly different from Isohexane 0 mg/kg

Table 14 - 1

Study No. : SR20236

Necropsy findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings		Test article	Isohexane	Isohexane	Isohexane	Isohexane
		Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
		Number of Animals	7	12	12	7
Kidney			<7/7>	<11/12>	<12/12>	<5/7>
Large size, bilateral	P		0	0	0	2
Dilatation, renal pelvis, unilateral	P		0	1	0	0
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. : SR20236

Necropsy findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Isohexane	Isohexane	Isohexane	Isohexane
	Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
	Number of Animals	9	11	10	10
All organs & tissues		<9/9>	<11/11>	<10/10>	<10/10>

<> : Not remarkable/Number of animals examined

Table 14 - 3

Study No. : SR20236

Necropsy findings

Sex : Female

Stage : Total litter loss

Species : Rat

Organ / Findings	Test article	Isohexane
	Dose	0 mg/kg
	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 4

Study No. : SR20236

Necropsy findings

Sex : Female

Stage : Non-delivery

Species : Rat

Organ / Findings	Test article	Isohexane
	Dose	0 mg/kg
	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 5

Study No. : SR20236

Necropsy findings

Sex : Female

Stage : Non-pregnancy

Species : Rat

	Test article	Isohexane	Isohexane	Isohexane
	Dose	0	100	300
Organ		mg/kg	mg/kg	mg/kg
Findings	Number of Animals	1	1	1
All organs & tissues		<1/1>	<1/1>	<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 6

Study No. : SR20236

Necropsy findings

Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Isohexane	Isohexane
	Dose	300 mg/kg	1000 mg/kg
	Number of Animals	1	2
All organs & tissues		<1/1>	<2/2>

<> : Not remarkable/Number of animals examined

Table 14 - 7

Study No. : SR20236

Necropsy findings

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

	Test article	Isohexane	Isohexane
	Dose	0	1000
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 14 - 8

Study No. : SR20236

Necropsy findings

Sex : Male

Stage : Recovery Day 15

Species : Rat

	Test article	Isohexane	Isohexane
	Dose	0	1000
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 14 - 9

Study No. : SR20236

Necropsy findings

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

	Test article	Isohexane	Isohexane
	Dose	0	1000
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. : SR20236

Organ weight

Stage : Day 29

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
Isohexane	n	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	518.7	14.816	2.839	3.324	0.641	1.556	0.301	751.4	144.800
	S.D.	52.8	2.906	0.291	0.322	0.047	0.146	0.020	109.7	14.546
Isohexane	n	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	510.7	14.323	2.805	3.689	0.721	1.562	0.305	731.8	143.253
	S.D.	22.0	1.154	0.185	0.511	0.083	0.136	0.020	103.2	18.886
						DT *				
Isohexane	n	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	502.3	13.550	2.691	3.538	0.707	1.429	0.285	735.9	146.796
	S.D.	37.2	1.779	0.219	0.324	0.057	0.092	0.020	103.1	20.316
Isohexane	n	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	499.9	15.210	3.036	4.024	0.809	1.541	0.309	740.9	148.099
	S.D.	43.6	2.019	0.232	0.367	0.063	0.153	0.029	94.1	11.603
					DT **	DT **				

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
Isohexane	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	401.7	78.047	61.4	11.860	12.09	2.339	23.93	4.636	3.253	0.631
	S.D.	45.5	11.430	11.3	2.061	1.53	0.270	3.24	0.676	0.296	0.061
Isohexane	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	311.6	60.861	72.5	14.184	12.88	2.523	23.98	4.683	3.371	0.661
	S.D.	99.7	19.060	9.7	1.699	1.35	0.250	4.93	0.899	0.357	0.069
Isohexane	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	385.9	76.813	73.8	14.709	12.28	2.444	23.80	4.733	3.668	0.733
	S.D.	113.4	21.951	10.8	2.033	2.87	0.547	5.51	1.037	0.222	0.057
					DT *					DT *	DT **
Isohexane	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	322.6	64.063	74.6	15.011	13.30	2.650	23.66	4.733	3.446	0.689
	S.D.	127.9	22.411	15.8	3.366	2.99	0.455	3.92	0.721	0.407	0.054
					DT *						

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

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

DT : Dunnett test (two-side)

Table 15 - 2

Study No. : SR20236

Organ weight

Stage : Day 29

Sex : Male

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
Isohexane	n	7	7	7	7	7	7	7	7
0 mg/kg	Mean	1.303	0.253	720.6	139.561	2.231	0.431	2.271	0.443
	S.D.	0.115	0.029	99.7	20.953	0.537	0.111	0.056	0.048
Isohexane	n	12	12	12	12	12	12	12	12
100 mg/kg	Mean	1.401	0.274	626.8	122.869	2.383	0.466	2.243	0.440
	S.D.	0.139	0.027	146.7	28.364	0.193	0.029	0.087	0.018
Isohexane	n	12	12	12	12	12	12	12	12
300 mg/kg	Mean	1.483	0.297	779.1	155.123	2.463	0.492	2.243	0.450
	S.D.	0.138	0.031	164.2	31.396	0.319	0.071	0.069	0.033
		DT *	DT **						
Isohexane	n	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	1.417	0.284	795.0	159.847	2.486	0.501	2.290	0.460
	S.D.	0.188	0.022	86.2	21.202	0.372	0.085	0.129	0.037

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

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

DT : Dunnett test (two-side)

Table 15 - 3

Study No. : SR20236

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
Isohexane	n	9	9	9	9	9	9	9	9	9
0 mg/kg	Mean	337.7	11.619	3.441	2.220	0.658	1.096	0.324	571.9	169.491
	S.D.	26.1	1.024	0.186	0.187	0.031	0.071	0.017	94.6	25.904
Isohexane	n	11	11	11	11	11	11	11	11	11
100 mg/kg	Mean	337.0	11.661	3.460	2.240	0.666	1.086	0.323	609.4	181.285
	S.D.	31.7	1.322	0.202	0.186	0.044	0.120	0.026	91.5	24.737
Isohexane	n	10	10	10	10	10	10	10	10	10
300 mg/kg	Mean	330.0	12.043	3.653	2.220	0.672	1.084	0.328	581.3	176.190
	S.D.	17.2	0.883	0.245	0.217	0.056	0.082	0.015	64.7	18.019
Isohexane	n	10	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	325.7	11.608	3.562	2.229	0.685	1.070	0.329	595.3	183.069
	S.D.	25.6	1.299	0.247	0.189	0.028	0.093	0.023	57.8	16.117

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
Isohexane	n	9	9	9	9	9	9	9	9	9	9
0 mg/kg	Mean	227.7	68.050	72.7	21.568	14.93	4.451	16.47	4.920	108.4	31.989
	S.D.	81.1	24.948	6.3	1.704	1.73	0.671	3.51	1.230	18.7	4.034
Isohexane	n	11	11	11	11	11	11	11	11	11	11
100 mg/kg	Mean	234.4	69.655	75.5	22.445	17.11	5.059	18.27	5.465	102.5	30.563
	S.D.	47.8	13.831	10.6	2.641	3.18	0.639	3.34	1.116	18.0	5.264
Isohexane	n	10	10	10	10	10	10	10	10	10	10
300 mg/kg	Mean	202.2	61.418	74.9	22.688	15.87	4.805	17.50	5.323	106.3	32.182
	S.D.	46.9	15.194	11.2	3.166	2.44	0.691	3.34	1.072	17.8	4.954
Isohexane	n	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	195.5	60.176	77.3	23.831	14.61	4.497	17.67	5.407	110.7	33.811
	S.D.	51.0	15.813	7.1	2.561	2.71	0.845	2.72	0.528	21.8	4.781

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

Not significantly different from Isohexane 0 mg/kg

Table 15 - 4

Study No. : SR20236

Organ weight

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
Isohexane	n	9	9	9	9
0 mg/kg	Mean	562.9	167.052	2.053	0.610
	S.D.	63.8	18.682	0.063	0.047
Isohexane	n	11	11	11	11
100 mg/kg	Mean	573.4	170.276	2.043	0.611
	S.D.	81.7	20.398	0.077	0.054
Isohexane	n	10	10	10	10
300 mg/kg	Mean	579.6	175.364	2.034	0.618
	S.D.	99.1	26.959	0.083	0.036
Isohexane	n	10	10	10	10
1000 mg/kg	Mean	541.9	166.150	2.016	0.622
	S.D.	96.6	25.509	0.095	0.042

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

Not significantly different from Isohexane 0 mg/kg

Table 15 - 5

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	270.2	7.124	2.640	1.852	0.686	0.908	0.336	476.2	176.486
	S.D.	11.6	0.467	0.211	0.090	0.051	0.038	0.025	32.3	13.848
Isohexane	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	271.4	7.910	2.914	1.936	0.716	0.892	0.330	471.6	173.892
	S.D.	18.9	0.799	0.167	0.070	0.055	0.075	0.029	43.7	12.480

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	310.4	114.820	75.0	27.878	15.78	5.884	20.20	7.464	83.2	30.764
	S.D.	34.2	10.775	10.9	4.893	3.41	1.517	2.29	0.614	8.3	2.318
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	318.8	117.274	68.8	25.512	17.00	6.254	18.52	6.804	83.8	31.112
	S.D.	45.3	12.696	6.8	3.725	2.03	0.454	4.62	1.571	14.1	6.376

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Isohexane	n	5	5	5	5
0 mg/kg	Mean	725.8	269.148	2.064	0.766
	S.D.	250.7	93.006	0.054	0.055
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	589.0	218.748	1.962	0.726
	S.D.	174.1	71.807	0.112	0.062

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

Not significantly different from Isohexane 0 mg/kg

Table 15 - 6

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	531.8	13.668	2.570	3.598	0.674	1.538	0.288	842.2	158.434
	S.D.	10.7	0.538	0.135	0.222	0.046	0.051	0.011	50.8	10.442
Isohexane	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	515.0	14.458	2.800	3.458	0.670	1.526	0.296	733.8	142.866
	S.D.	29.7	2.088	0.293	0.448	0.057	0.123	0.032	39.5	11.379
									T2 **	

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	326.0	61.180	61.0	11.470	13.06	2.456	20.42	3.842	3.544	0.666
	S.D.	120.6	22.079	5.1	0.964	1.16	0.184	4.06	0.773	0.301	0.060
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	351.2	68.868	65.4	12.742	12.74	2.476	22.34	4.374	3.478	0.680
	S.D.	62.1	15.931	2.3	1.017	2.10	0.404	5.02	1.101	0.351	0.085

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
Isohexane	n	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1.386	0.260	762.6	143.474	2.384	0.450	2.264	0.426
	S.D.	0.042	0.010	142.0	27.312	0.273	0.058	0.074	0.017
Isohexane	n	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	1.458	0.284	780.4	152.134	2.358	0.456	2.240	0.436
	S.D.	0.159	0.036	170.0	34.609	0.516	0.094	0.100	0.021

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

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

T2 : Student t-test (two-side)

Table 15 - 7

Study No. : SR20236

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
Isohexane	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	281.0	7.010	2.494	1.902	0.678	0.882	0.314	479.6	170.730
	S.D.	7.7	0.626	0.199	0.094	0.018	0.076	0.023	49.2	17.528
Isohexane	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	284.0	7.364	2.598	1.928	0.678	0.892	0.318	485.4	170.850
	S.D.	27.2	0.926	0.252	0.247	0.073	0.090	0.050	116.2	35.579

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
Isohexane	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	311.8	110.734	67.6	24.024	13.48	4.800	19.84	7.048	108.4	38.608
	S.D.	61.3	20.472	14.3	4.893	1.05	0.413	4.26	1.409	12.9	4.791
Isohexane	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	289.4	100.302	73.6	26.080	16.66	5.924	16.44	5.732	97.2	34.334
	S.D.	100.1	25.987	16.4	5.834	3.52	1.395	5.28	1.467	11.1	3.575

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Isohexane	n	5	5	5	5
0 mg/kg	Mean	579.6	206.086	1.986	0.708
	S.D.	155.0	54.055	0.140	0.043
Isohexane	n	5	5	5	5
1000 mg/kg	Mean	714.0	252.490	1.962	0.696
	S.D.	250.3	84.534	0.120	0.081

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

Not significantly different from Isohexane 0 mg/kg

Table 16 - 1

Study No. : SR20236

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg					1000 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>					<1>					<2>					<7>		
		7					1					2					7				
Bronchus				<7>					<1>					<2>					<7>		
		7					1					2					7				
Trachea				<7>					<1>					<2>					<7>		
		7					1					2					7				
Submandibular gland				<7>					<1>					<2>					<7>		
		7					1					2					7				
Esophagus				<7>					<1>					<2>					<7>		
		7					1					2					7				
Stomach				<7>					<1>					<2>					<7>		
		7					1					2					7				
Duodenum				<7>					<1>					<2>					<7>		
		7					1					2					7				
Jejunum				<7>					<1>					<2>					<7>		
		7					1					2					7				
Ileum				<7>					<1>					<2>					<7>		
		7					1					2					7				

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

Table 16 - 2

Study No. : SR20236

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg					1000 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+
Cecum		<7>					<1>					<2>					<7>				
		7					1					2					7				
Colon		<7>					<1>					<2>					<7>				
		7					1					2					7				
Rectum		<7>					<1>					<2>					<7>				
		7					1					2					7				
Pancreas		<7>					<1>					<2>					<7>				
		7					1					2					7				
Liver		<7>					<1>					<2>					<7>				
		7					1					2					7				
Heart		<7>					<1>					<2>					<7>				
Fibrosis, focal		6	1	0	0	0	1	0	0	0	0	2	0	0	0	0	7	0	0	0	0
Infiltration, inflammatory cell, focal		5	2	0	0	0	1	0	0	0	0	2	0	0	0	0	7	0	0	0	0
Kidney		<7>					<12>					<12>					<7>				
Eosinophilic body, proximal tubular epithelium		7	0	0	0	0	3	8	1	0	0	0	10	2	0	0	0	4	3	0	0
							FT $$					FT $$					FT $$				
Basophilic change, renal tubule, focal		7	0	0	0	0	10	2	0	0	0	7	5	0	0	0	4	2	1	0	0

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

Table 16 - 3

Study No. : SR20236

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg					1000 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>					<12>					<12>					<7>				
Dilatation, renal pelvis		7	0	0	0	0	11	0	1	0	0	12	0	0	0	0	7	0	0	0	0
Urinary bladder		<7>					<1>					<2>					<7>				
		7					1					2					7				
Testis		<7>					<1>					<2>					<7>				
Sertoli-cell-only tubule		6	0	1	0	0	1	0	0	0	0	2	0	0	0	0	6	1	0	0	0
Degeneration, seminiferous tubule		6	1	0	0	0	0	0	1	0	0	2	0	0	0	0	7	0	0	0	0
Epididymis		<7>					<1>					<2>					<7>				
Cell debris, lumen		5	1	1	0	0	0	0	1	0	0	2	0	0	0	0	7	0	0	0	0
Decrease, spermatozoa		7	0	0	0	0	0	1	0	0	0	2	0	0	0	0	7	0	0	0	0
Prostate		<7>					<1>					<2>					<7>				
Inflammation, interstitium		5	2	0	0	0	0	1	0	0	0	1	1	0	0	0	5	0	1	1	0
Seminal vesicle		<7>					<1>					<2>					<7>				
Inflammation		6	1	0	0	0	0	1	0	0	0	2	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 Isohexane 0 mg/kg

Table 16 - 4

Study No. : SR20236

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg					1000 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+
Coagulating gland				<7>					<1>					<2>					<7>		
Inflammation		6	1	0	0	0	1	0	0	0	0	2	0	0	0	0	7	0	0	0	0
Cerebrum				<7>					<1>					<2>					<7>		
		7					1					2					7				
Cerebellum				<7>					<1>					<2>					<7>		
		7					1					2					7				
Pons				<7>					<1>					<2>					<7>		
		7					1					2					7				
Spinal cord				<7>					<1>					<2>					<7>		
		7					1					2					7				
Sciatic nerve				<7>					<1>					<2>					<7>		
		7					1					2					7				
Spleen				<7>					<1>					<2>					<7>		
		7					1					2					7				
Thymus				<7>					<1>					<2>					<7>		
		7					1					2					7				
Bone marrow, femur				<7>					<1>					<2>					<7>		
		7					1					2					7				

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

Table 16 - 5

Study No. : SR20236

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg					1000 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+
Submandibular lymph node				<7>					<1>					<2>					<7>		
		7					1					2					7				
Mesenteric lymph node				<7>					<1>					<2>					<7>		
		7					1					2					7				
Peyer's patch				<7>					<1>					<2>					<7>		
		7					1					2					7				
Pituitary gland				<7>					<1>					<2>					<7>		
Remnant, craniopharyngeal duct		6	1	0	0	0	1	0	0	0	0	2	0	0	0	0	7	0	0	0	0
Thyroid				<7>					<1>					<2>					<7>		
Remnant, ultimobranchial body		7	0	0	0	0	1	0	0	0	0	2	0	0	0	0	6	1	0	0	0
Parathyroid				<7>					<1>					<2>					<7>		
		7					1					2					7				
Adrenal				<7>					<1>					<2>					<7>		
		7					1					2					7				
Eyeball				<7>					<1>					<2>					<7>		
		7					1					2					7				

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

Table 16 - 6

Study No. : SR20236

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg					1000 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+
Harderian gland		<7>					<1>					<2>					<7>				
Infiltration, inflammatory cell, focal		7	0	0	0	0	1	0	0	0	0	2	0	0	0	0	6	1	0	0	0
Skeletal muscle		<7>					<1>					<2>					<7>				
		7					1					2					7				
Femur		<7>					<1>					<2>					<7>				
		7					1					2					7				
Mammary gland		<7>					<1>					<2>					<7>				
		7					1					2					7				

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

Table 16 - 7

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	9					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<9>					<10>		
		9					10				
Bronchus				<9>					<10>		
		9					10				
Trachea				<9>					<10>		
		9					10				
Submandibular gland				<9>					<10>		
		9					10				
Esophagus				<9>					<10>		
		9					10				
Stomach				<9>					<10>		
		9					10				
Duodenum				<9>					<10>		
		9					10				
Jejunum				<9>					<10>		
		9					10				
Ileum				<9>					<10>		
		9					10				

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

Table 16 - 8

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	9					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum		<9>					<10>				
		9					10				
Colon		<9>					<10>				
		9					10				
Rectum		<9>					<10>				
		9					10				
Pancreas		<9>					<10>				
Intracytoplasmic vacuolization, with intraluminal globules, hypereosinophilic/basophilic, acinar cell		9	0	0	0	0	9	1	0	0	0
Liver		<9>					<10>				
Necrosis, focal		9	0	0	0	0	9	1	0	0	0
Heart		<9>					<10>				
		9					10				
Kidney		<9>					<10>				
Basophilic change, renal tubule, focal		9	0	0	0	0	8	2	0	0	0
Infiltration, inflammatory cell, renal pelvic mucosa		9	0	0	0	0	9	1	0	0	0

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

Table 16 - 9

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	9					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Urinary bladder		<9>					<10>				
		9					10				
Ovary		<9>					<10>				
		9					10				
Uterine horn		<9>					<10>				
		9					10				
Uterine cervix		<9>					<10>				
		9					10				
Vagina		<9>					<10>				
		9					10				
Cerebrum		<9>					<10>				
		9					10				
Cerebellum		<9>					<10>				
		9					10				
Pons		<9>					<10>				
		9					10				
Spinal cord		<9>					<10>				
		9					10				

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

Table 16 - 10

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	9					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Sciatic nerve		<9>					<10>				
		9					10				
Spleen		<9>					<10>				
		9					10				
Thymus		<9>					<10>				
Remnant, epithelial cell		6	3	0	0	0	9	1	0	0	0
Bone marrow, femur		<9>					<10>				
		9					10				
Submandibular lymph node		<9>					<10>				
		9					10				
Mesenteric lymph node		<9>					<10>				
		9					10				
Peyer's patch		<9>					<10>				
		9					10				
Pituitary gland		<9>					<10>				
Cyst, pars distalis		8	1	0	0	0	9	1	0	0	0

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

Table 16 - 11

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	9					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Thyroid				<9>					<10>		
Remnant, ultimobranchial body		7	2	0	0	0	9	1	0	0	0
Parathyroid				<9>					<10>		
		9					10				
Adrenal				<9>					<10>		
		9					10				
Eyeball				<9>					<10>		
		9					10				
Harderian gland				<9>					<10>		
		9					10				
Skeletal muscle				<9>					<10>		
		9					10				
Femur				<9>					<10>		
		9					10				
Mammary gland				<9>					<10>		
		9					10				

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

Table 16 - 12

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Total litter loss

Species : Rat

Organ / Findings	Test article	Isohexane				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	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

Table 16 - 13

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Total litter loss

Species : Rat

Organ / Findings	Test article	Isohexane				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Heart		<1>				
		1				
Kidney		<1>				
Cyst		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				
Thymus		<1>				
		1				

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

Table 16 - 14

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Total litter loss

Species : Rat

Organ / Findings	Test article	Isohexane				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
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
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Table 16 - 15

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Non-delivery

Species : Rat

Organ / Findings	Test article	Isohexane				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	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

Table 16 - 16

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Non-delivery

Species : Rat

Organ / Findings	Test article	Isohexane				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
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				
Thymus		<1>				
		1				

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

Table 16 - 17

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Non-delivery

Species : Rat

Organ / Findings	Test article	Isohexane				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
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

Table 16 - 18

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg				
	Number of Animals	1					1					1				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<1>					<1>					<1>		
		1					1					1				
Bronchus				<1>					<1>					<1>		
		1					1					1				
Trachea				<1>					<1>					<1>		
		1					1					1				
Submandibular gland				<1>					<1>					<1>		
		1					1					1				
Esophagus				<1>					<1>					<1>		
		1					1					1				
Stomach				<1>					<1>					<1>		
		1					1					1				
Duodenum				<1>					<1>					<1>		
		1					1					1				
Jejunum				<1>					<1>					<1>		
		1					1					1				
Ileum				<1>					<1>					<1>		
		1					1					1				
Cecum				<1>					<1>					<1>		
		1					1					1				
Colon				<1>					<1>					<1>		
		1					1					1				
Rectum				<1>					<1>					<1>		
		1					1					1				
Pancreas				<1>					<1>					<1>		
		1					1					1				
Liver				<1>					<1>					<1>		
		1					1					1				

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

Table 16 - 19

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg				
	Number of Animals	1					1					1				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Heart				<1>					<1>					<1>		
		1					1					1				
Kidney				<1>					<1>					<1>		
		1					1					1				
Urinary bladder				<1>					<1>					<1>		
		1					1					1				
Ovary				<1>					<1>					<1>		
		1					1					1				
Uterine horn				<1>					<1>					<1>		
		1					1					1				
Uterine cervix				<1>					<1>					<1>		
		1					1					1				
Vagina				<1>					<1>					<1>		
		1					1					1				
Cerebrum				<1>					<1>					<1>		
		1					1					1				
Cerebellum				<1>					<1>					<1>		
		1					1					1				
Pons				<1>					<1>					<1>		
		1					1					1				
Spinal cord				<1>					<1>					<1>		
		1					1					1				
Sciatic nerve				<1>					<1>					<1>		
		1					1					1				
Spleen				<1>					<1>					<1>		
		1					1					1				
Thymus				<1>					<1>					<1>		
		1					1					1				

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

Table 16 - 20

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane					Isohexane				
	Dose	0 mg/kg					100 mg/kg					300 mg/kg				
	Number of Animals	1					1					1				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Bone marrow, femur		<1>					<1>					<1>				
		1					1					1				
Submandibular lymph node		<1>					<1>					<1>				
		1					1					1				
Mesenteric lymph node		<1>					<1>					<1>				
		1					1					1				
Peyer's patch		<1>					<1>					<1>				
		1					1					1				
Pituitary gland		<1>					<1>					<1>				
		1					1					1				
Thyroid		<1>					<1>					<1>				
Remnant, ultimobranchial body		0	1	0	0	0	1	0	0	0	0	1	0	0	0	0
Parathyroid		<1>					<1>					<1>				
		1					1					1				
Adrenal		<1>					<1>					<1>				
		1					1					1				
Eyeball		<1>					<1>					<1>				
		1					1					1				
Harderian gland		<1>					<1>					<1>				
		1					1					1				
Skeletal muscle		<1>					<1>					<1>				
		1					1					1				
Femur		<1>					<1>					<1>				
		1					1					1				
Mammary gland		<1>					<1>					<1>				
		1					1					1				

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

Table 16 - 21

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	300 mg/kg					1000 mg/kg				
	Number of Animals	1					2				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<1>					<2>		
		1					2				
Bronchus				<1>					<2>		
		1					2				
Trachea				<1>					<2>		
		1					2				
Submandibular gland				<1>					<2>		
		1					2				
Esophagus				<1>					<2>		
		1					2				
Stomach				<1>					<2>		
		1					2				
Duodenum				<1>					<2>		
		1					2				
Jejunum				<1>					<2>		
		1					2				
Ileum				<1>					<2>		
		1					2				
Cecum				<1>					<2>		
		1					2				
Colon				<1>					<2>		
		1					2				
Rectum				<1>					<2>		
		1					2				
Pancreas				<1>					<2>		
		1					2				
Liver				<1>					<2>		
		1					2				

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

Table 16 - 22

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	300 mg/kg					1000 mg/kg				
	Number of Animals	1					2				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Heart		<1>					<2>				
		1					2				
Kidney		<1>					<2>				
Infiltration, inflammatory cell, renal pelvic mucosa		0	1	0	0	0	2	0	0	0	0
Urinary bladder		<1>					<2>				
		1					2				
Ovary		<1>					<2>				
		1					2				
Uterine horn		<1>					<2>				
		1					2				
Uterine cervix		<1>					<2>				
		1					2				
Vagina		<1>					<2>				
		1					2				
Cerebrum		<1>					<2>				
		1					2				
Cerebellum		<1>					<2>				
		1					2				
Pons		<1>					<2>				
		1					2				
Spinal cord		<1>					<2>				
		1					2				
Sciatic nerve		<1>					<2>				
		1					2				
Spleen		<1>					<2>				
		1					2				

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

Table 16 - 23

Study No. : SR20236

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	300 mg/kg					1000 mg/kg				
	Number of Animals	1					2				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Thymus				<1>					<2>		
Remnant, epithelial cell		1	0	0	0	0	0	2	0	0	0
Bone marrow, femur				<1>					<2>		
		1					2				
Submandibular lymph node				<1>					<2>		
		1					2				
Mesenteric lymph node				<1>					<2>		
		1					2				
Peyer's patch				<1>					<2>		
		1					2				
Pituitary gland				<1>					<2>		
		1					2				
Thyroid				<1>					<2>		
Remnant, ultimobranchial body		1	0	0	0	0	1	1	0	0	0
Parathyroid				<1>					<2>		
		1					2				
Adrenal				<1>					<2>		
		1					2				
Eyeball				<1>					<2>		
		1					2				
Harderian gland				<1>					<2>		
		1					2				
Skeletal muscle				<1>					<2>		
		1					2				
Femur				<1>					<2>		
		1					2				
Mammary gland				<1>					<2>		
		1					2				

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

Table 16 - 24

Study No. : SR20236

Histopathological findings
Sex : Female (satellite)

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 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>		
Hyperkeratosis, limiting ridge		5	0	0	0	0	4	1	0	0	0
Duodenum				<5>					<5>		
		5					5				
Jejunum				<5>					<5>		
		5					5				
Ileum				<5>					<5>		
		5					5				

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

Table 16 - 25

Study No. : SR20236

Histopathological findings
Sex : Female (satellite)

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum				<5>					<5>		
		5					5				
Colon				<5>					<5>		
		5					5				
Rectum				<5>					<5>		
		5					5				
Pancreas				<5>					<5>		
		5					5				
Liver				<5>					<5>		
		5					5				
Heart				<5>					<5>		
		5					5				
Kidney				<5>					<5>		
Cyst		4	1	0	0	0	5	0	0	0	0
Urinary bladder				<5>					<5>		
		5					5				

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

Table 16 - 26

Study No. : SR20236

Histopathological findings
Sex : Female (satellite)

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Ovary				<5>					<5>		
Cyst, lutein		5	0	0	0	0	4	1	0	0	0
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				
Sciatic nerve				<5>					<5>		
		5					5				

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

Table 16 - 27

Study No. : SR20236

Histopathological findings
Sex : Female (satellite)

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
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				
Thyroid				<5>					<5>		
Remnant, ultimobranchial body		2	3	0	0	0	4	1	0	0	0
Parathyroid				<5>					<5>		
		5					5				

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

Table 16 - 28

Study No. : SR20236

Histopathological findings
Sex : Female (satellite)

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Adrenal		<5>					<5>				
		5					5				
Eyeball		<5>					<5>				
Dysplasia, retina		5	0	0	0	0	4	1	0	0	0
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 Isohexane 0 mg/kg

Table 16 - 29

Study No. : SR20236

Histopathological findings

Sex : Male

Stage : Recovery Day 15

Species : Rat

	Test article	Isohexane					Isohexane				
	Dose	0 mg/kg					1000 mg/kg				
Organ	Number of Animals	5					5				
Findings	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Kidney		<5>					<5>				
Basophilic change, renal tubule, focal		5	0	0	0	0	0	4	1	0	0
							FT $$				

<> : Number of animals examined

- : Not remarkable

1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Significantly different from Isohexane 0 mg/kg: $$ P<0.01

FT : Fisher's exact test (two-side)

Table 17

Study No. : SR20236

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
Isohexane 0 mg/kg	n	12	12	12 (0)
	Mean	4.13	3.2	
	S.D.	0.31	0.4	
Isohexane 100 mg/kg	n	12	12	12 (0)
	Mean	4.03	3.5	
	S.D.	0.09	0.5	
Isohexane 300 mg/kg	n	12	12	12 (0)
	Mean	4.13	3.5	
	S.D.	0.31	0.5	
Isohexane 1000 mg/kg	n	12	12	12 (0)
	Mean	4.00	3.6	
	S.D.	0.00	0.5	

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

Table 18 - 1

Study No. : SR20236

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 (%)
Isohexane	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
0 mg/kg	Mean		2.9	100.0	91.7			100.0	91.7
	S.D.		3.9						
Isohexane	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
100 mg/kg	Mean		2.5	100.0	91.7			100.0	91.7
	S.D.		0.9						
Isohexane	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
300 mg/kg	Mean		2.8	91.7	90.9			91.7	90.9
	S.D.		1.9						
Isohexane	n	12	10	(10/12)	(10/10)			(10/12)	(10/10)
1000 mg/kg	Mean		3.0	83.3	100.0			83.3	100.0
	S.D.		1.6						

Not significantly different from Isohexane 0 mg/kg

Table 18 - 2

Study No. : SR20236

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 (%)
Isohexane	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
0 mg/kg	Mean		2.9	100.0	91.7			100.0	91.7
	S.D.		3.9						
Isohexane	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
100 mg/kg	Mean		2.5	100.0	91.7			100.0	91.7
	S.D.		0.9						
Isohexane	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
300 mg/kg	Mean		2.8	91.7	90.9			91.7	90.9
	S.D.		1.9						
Isohexane	n	12	10	(10/12)	(10/10)			(10/12)	(10/10)
1000 mg/kg	Mean		3.0	83.3	100.0			83.3	100.0
	S.D.		1.6						

Not significantly different from Isohexane 0 mg/kg

Table 19 - 1

Study No. : SR20236

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
Isohexane	n	10	10/11	10	10	10	10	10	10	65/149	66/151	10
0 mg/kg	Mean	22.40	90.9	15.9	95.23	15.1	6.5	8.4	14.9	43.6	43.7	0.2
	S.D.	0.52		1.8	4.59	1.4	2.6	2.8	1.4			0.4
Isohexane	n	11	11/11	11	11	11	11	11	11	88/162	88/162	11
100 mg/kg	Mean	22.45	100.0	15.6	94.29	14.7	8.0	6.7	14.7	54.3	54.3	0.0
	S.D.	0.52		2.0	4.42	1.8	2.8	1.6	1.8			0.0
Isohexane	n	10	10/10	10	10	10	10	10	10	71/150	71/150	10
300 mg/kg	Mean	22.50	100.0	16.1	93.40	15.0	7.1	7.9	15.0	47.3	47.3	0.0
	S.D.	0.53		1.7	6.77	1.6	1.0	1.7	1.6			0.0
Isohexane	n	10	10/10	10	10	10	10	10	10	64/133	64/133	10
1000 mg/kg	Mean	22.40	100.0	14.6	90.26	13.3	6.4	6.9	13.3	48.1	48.1	0.0
	S.D.	0.52		2.6	8.93	3.1	2.9	2.5	3.1			0.0

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

Table 19 - 2

Study No. : SR20236

Delivery data (external examination of offspring)
Generation : F1

Postnatal Day : 0
Species : Rat

Test article	Isohexane	Isohexane	Isohexane	Isohexane
Dose	0	100	300	1000
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	10	11	10	10
Number of offspring	149	162	150	133
Number of dams with anomalous offspring (incidence %)	0(0.00)	0(0.00)	0(0.00)	0(0.00)
Number of offspring with any anomaly (incidence %)	0(0.00)	0(0.00)	0(0.00)	0(0.00)

Not significantly different from Isohexane 0 mg/kg

Table 20

Study No. : SR20236

Clinical sign of offspring
Generation : F1

Species : Rat

Test article		/Postnatal Day (pre-culled)					/Postnatal Day (post-culled)								
Dose	Clinical signs	0	1	2	3	4	5	6	7	8	9	10	11	12	13
Isohexane	Number of dams examined	10	10	10	10	10	9	9	9	9	9	9	9	9	9
0 mg/kg	Number of offspring	149	141	136	125	118	69	69	69	69	69	69	69	69	68
	Number of dams with anomalous offspring	0	0	1	1	0	0	0	0	0	0	0	0	0	0
	Milk-band negative	0	0	14	3	0	0	0	0	0	0	0	0	0	0
Isohexane	Number of dams examined	11	11	11	11	11	11	11	11	11	11	11	11	11	11
100 mg/kg	Number of offspring	162	162	162	162	156	88	88	88	88	88	88	88	88	88
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isohexane	Number of dams examined	10	10	10	10	10	10	10	10	10	10	10	10	10	10
300 mg/kg	Number of offspring	150	150	150	150	141	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
Isohexane	Number of dams examined	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Number of offspring	133	124	124	124	122	77	77	77	77	77	77	77	77	77
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 21

Study No. : SR20236

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 (%)
Isohexane	Total	149		118		69	68	
0 mg/kg	n	10	10	10	10	9	9	9
	Mean		98.71		80.31			98.61
	S.D.		2.72		34.11			4.17
Isohexane	Total	162		156		88	88	
100 mg/kg	n	11	11	11	11	11	11	11
	Mean		100.00		96.60			100.00
	S.D.		0.00		5.61			0.00
Isohexane	Total	150		141		80	80	
300 mg/kg	n	10	10	10	10	10	10	10
	Mean		100.00		95.00			100.00
	S.D.		0.00		15.81			0.00
					ST #			
Isohexane	Total	133		122		77	77	
1000 mg/kg	n	10	10	10	10	10	10	10
	Mean		100.00		92.84			100.00
	S.D.		0.00		17.90			0.00

Significantly different from Isohexane 0 mg/kg: # P<0.05

ST : Steel test (two-side)

Table 22

Study No. : SR20236

Litter data on body weight of offspring
Generation : F1

Unit : g

Species : Rat

Test article			/Postnatal Day			
Dose			0	4	7	13
Isohexane	Male	n	10	9	9	9
0 mg/kg		Mean	6.548	9.862	16.893	33.580
		S.D.	0.711	1.269	2.169	2.594
	Female	n	10	9	9	9
		Mean	6.146	9.601	16.563	32.899
		S.D.	0.532	0.879	1.362	2.113
Isohexane	Male	n	11	11	11	11
100 mg/kg		Mean	6.691	10.199	17.866	33.726
		S.D.	0.701	1.309	2.086	2.956
	Female	n	11	11	11	11
		Mean	6.240	9.665	16.806	32.235
		S.D.	0.673	1.137	1.890	2.722
Isohexane	Male	n	10	10	10	10
300 mg/kg		Mean	6.833	10.607	18.448	35.237
		S.D.	0.610	1.275	2.565	3.429
	Female	n	10	10	10	10
		Mean	6.508	10.205	17.712	34.217
		S.D.	0.446	1.087	1.994	2.521
Isohexane	Male	n	10	10	10	10
1000 mg/kg		Mean	6.533	10.589	17.805	34.094
		S.D.	0.802	2.298	3.104	3.397
	Female	n	10	10	10	10
		Mean	6.237	10.189	17.125	33.014
		S.D.	0.950	2.333	2.881	3.533

Not significantly different from Isohexane 0 mg/kg

Table 23

Study No. : SR20236

Litter data on anogenital distance of offspring

Generation : F1

Unit : mm

Species : Rat

Dose Test article	Sex		/Postnatal Day 4 AGD	 AGD/3√BW
Isohexane 0 mg/kg	Male	n	9	9
		Mean	5.5000	2.5703
		S.D.	0.4947	0.1714
	Female	n	9	9
		Mean	2.6370	1.2428
		S.D.	0.1401	0.0480
Isohexane 100 mg/kg	Male	n	11	11
		Mean	5.6791	2.6250
		S.D.	0.2992	0.0769
	Female	n	11	11
		Mean	2.6177	1.2305
		S.D.	0.1847	0.0770
Isohexane 300 mg/kg	Male	n	10	10
		Mean	5.7269	2.6136
		S.D.	0.2253	0.0831
	Female	n	10	10
		Mean	2.7112	1.2524
		S.D.	0.1456	0.0581
Isohexane 1000 mg/kg	Male	n	10	10
		Mean	5.6266	2.5715
		S.D.	0.5629	0.1258
	Female	n	10	10
		Mean	2.6776	1.2367
		S.D.	0.3901	0.1081

AGD : Anogenital Distance

Not significantly different from Isohexane 0 mg/kg

Table 24

Study No. : SR20236

Litter data on nipple retention of male offspring

Generation : F1

Unit : No.

Species : Rat

Test article Dose			/Postnatal Day 13
Isohexane 0 mg/kg	Male	n	9
		Mean	0.00
		S.D.	0.00
Isohexane 100 mg/kg	Male	n	11
		Mean	0.00
		S.D.	0.00
Isohexane 300 mg/kg	Male	n	10
		Mean	0.00
		S.D.	0.00
Isohexane 1000 mg/kg	Male	n	10
		Mean	0.00
		S.D.	0.00

Not significantly different from Isohexane 0 mg/kg

Table 25

Study No. : SR20236

Serum T4 concentration of offspring

Stage : Postnatal Day 13

Generation : F1

Species : Rat

Test article Dose		T4 ng/mL
Isohexane 0 mg/kg	n	9
	Mean	41.07
	S.D.	5.60
Isohexane 100 mg/kg	n	11
	Mean	38.53
	S.D.	3.70
Isohexane 300 mg/kg	n	10
	Mean	40.70
	S.D.	3.60
Isohexane 1000 mg/kg	n	10
	Mean	43.49
	S.D.	5.69

Not significantly different from Isohexane 0 mg/kg

Table 26 Study No. : SR20236

Necropsy findings of offspring
Generation : F1 Species : Rat

Test article	Isohexane	Isohexane	Isohexane	Isohexane
Dose	0	100	300	1000
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	10*	11	10	10
Number of live offspring examined on postnatal Day 13	68	88	80	77
Finding absent	68	88	80	77
Number of dead offspring examined on postnatal Day 0-13	17	0	0	0
Finding absent	17	-	-	-

- : Not applicable
* All offspring from one dam died by Postnatal Day 4.

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Isohexane 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 : Isohexane 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 : Isohexane 100 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	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
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	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
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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Isohexane 100 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	No abnormality	-	-	-

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

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Isohexane 300 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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 : Isohexane 300 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
10301	No abnormality	-	-	-
10302	No abnormality	-	-	-
10303	No abnormality	-	-	-
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 : Isohexane 1000 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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	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
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	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
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 1-29
Dose : Isohexane 1000 mg/kg

Species : Rat

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

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

Clinical sign
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 14-27
Dose : Isohexane 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		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
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 0-26
Dose : Isohexane 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		23		24		25		26	
		Time	1	2	1	2	1	2	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
Animal No. 50152 : Non-pregnancy
$: Excepted data from calculation

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Isohexane 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	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		-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day
Animal No. 50156 : All offspring died by Postnatal Day 4.
$: Excepted data from calculation

Clinical sign
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 14-17
Dose : Isohexane 100 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	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	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
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-				
50252	No abnormality		-	-	-	-	-	-	-	-	-	-						
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	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

Clinical sign
Sex : Female

Period : F0 gestation Day 0-26
Dose : Isohexane 100 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	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		-	-	-	-	-	-	-	-										
50255	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
Animal No. 50252 : Non-pregnancy
$: Excepted data from calculation

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Isohexane 100 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	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
		Time	1	2	1	2	1	2	1	2	1	2	3
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50255	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

Clinical sign
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 14-52
Dose : Isohexane 300 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		26		27	
		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																			

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 14-52
Dose : Isohexane 300 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
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	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
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	45		46		47		48		49		50		51		52	
		Time	1	2	1	2	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
Animal No. 50356 : Unsuccessful mating

Clinical sign
Sex : Female

Period : F0 gestation Day 0-26
Dose : Isohexane 300 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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		23		24		25		26	
		Time	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-										
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
Animal No. 50362 : Non-pregnancy
$: Excepted data from calculation

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Isohexane 300 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	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		-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 14-52
Dose : Isohexane 1000 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	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	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
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	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
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

Clinical sign
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 14-52
Dose : Isohexane 1000 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
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	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
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	45		46		47		48		49		50		51		52	
		Time	1	2	1	2	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
Animal Nos. 50455 and 50462 : Unsuccessful mating

Clinical sign
Sex : Female

Period : F0 gestation Day 0-22
Dose : Isohexane 1000 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	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
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : F0 lactation Day 0-14
Dose : Isohexane 1000 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	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		-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : Isohexane 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 : Isohexane 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 : Isohexane 1000 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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	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
50651	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	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
50651	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : Isohexane 1000 mg/kg

Species : Rat

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

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

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : Isohexane 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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	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
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : Isohexane 1000 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	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	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
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Female (satellite)

Period : Recovery Day 1-15
Dose : Isohexane 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 : Isohexane 1000 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	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
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50660	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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
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
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	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 42
Sex : Female Dose : Isohexane 100 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
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	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 : Isohexane 300 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
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 : Isohexane 1000 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 : Isohexane 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
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
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	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 49
Sex : Female Dose : Isohexane 100 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
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	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 : Isohexane 300 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
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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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
10106	1	1	1	0	0	1
10108	1	1	1	0	0	1
10110	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 : Isohexane 1000 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
10407	1	1	1	0	0	1
10409	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 : Isohexane 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
10106	1	1	1	0	0	1
10108	1	1	1	0	0	1
10110	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 : Isohexane 1000 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
10407	1	1	1	0	0	1
10409	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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 100 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 : Isohexane 300 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 : Isohexane 1000 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 : Isohexane 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
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
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	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	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
50160	1	1	1	0
50161	1	1	1	0
50162	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 42
Sex : Female Dose : Isohexane 100 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
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	11	11	11	11	11	11	11	11

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	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	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 : Isohexane 300 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
n	11	11	11	11	11	11	11	11

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
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 : Isohexane 1000 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 : Isohexane 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
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
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	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	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
50160	1	1	1	0
50161	1	1	1	0
50162	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 49
Sex : Female Dose : Isohexane 100 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
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	11	11	11	11	11	11	11	11

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	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	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 : Isohexane 300 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
n	11	11	11	11	11	11	11	11

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
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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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
10106	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10110	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
10101	1	1	1	0
10102	1	1	1	0
10106	1	1	1	0
10108	1	1	1	0
10110	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 : Isohexane 1000 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
10407	1	1	2	1	1	1	0	1
10409	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
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10407	1	1	1	0
10409	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 : Isohexane 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
10106	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10110	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
10101	1	1	1	0
10102	1	1	1	0
10106	1	1	1	0
10108	1	1	1	0
10110	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 : Isohexane 1000 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
10407	1	1	2	1	1	1	0	1
10409	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
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10407	1	1	1	0
10409	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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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	0	0	0
10103	1	1	1	1	0	1	0	0
10104	1	1	1	1	1	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	1	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 : Pre
Sex : Male Dose : Isohexane 100 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	1	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	1	1	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	1	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	1	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	1	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 : Isohexane 300 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	1	1	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	1	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 : Pre
Sex : Male Dose : Isohexane 1000 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	1	1	0	0
10403	1	1	1	1	1	1	0	0
10404	1	1	1	1	1	0	0	0
10405	1	1	1	1	0	1	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	1	1	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 7
Sex : Male Dose : Isohexane 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	0	0	0
10103	1	1	1	1	0	1	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	1	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 : Isohexane 100 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	1	1	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	1	0	0
10207	1	1	1	1	0	1	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	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 7
Sex : Male Dose : Isohexane 300 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	1	0	0
10303	1	1	1	1	1	1	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 7
Sex : Male Dose : Isohexane 1000 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	0	0	0	0
10408	1	1	1	1	1	1	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 : Isohexane 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	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	1	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 14
Sex : Male Dose : Isohexane 100 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	1	0	0
10204	1	1	1	1	0	0	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	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 : Isohexane 300 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	1	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 : Isohexane 1000 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	1	0	0
10402	1	1	1	1	1	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	1	1	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 : Isohexane 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	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	1	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	1	1	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 21
Sex : Male Dose : Isohexane 100 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	1	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	1	1	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	1	0	0	0
10207	1	1	1	1	0	1	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	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 : Isohexane 300 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	1	1	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 : Isohexane 1000 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	1	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	1	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	1	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 : Isohexane 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	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	1	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	1	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 : Isohexane 100 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	1	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	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	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 28
Sex : Male Dose : Isohexane 300 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	1	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 : Isohexane 1000 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	1	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	1	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	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 : Isohexane 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	0	0	0	0
50153	1	1	1	1	0	1	0	0
50154	1	1	1	1	0	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	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 : Isohexane 100 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	1	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 : Pre
Sex : Female Dose : Isohexane 300 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	1	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 : Pre
Sex : Female Dose : Isohexane 1000 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	1	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	1	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	1	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 : Isohexane 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	1	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 : Day 7
Sex : Female Dose : Isohexane 100 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	1	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	1	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 : Isohexane 300 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	0	1	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	1	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	1	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 : Isohexane 1000 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	1	1	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	1	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 : Isohexane 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	1	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	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 : Day 14
Sex : Female Dose : Isohexane 100 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	1	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 : Isohexane 300 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	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 : Day 14
Sex : Female Dose : Isohexane 1000 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	1	1	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 : Isohexane 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	1	1	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 21
Sex : Female Dose : Isohexane 100 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 : Isohexane 300 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	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	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 21
Sex : Female Dose : Isohexane 1000 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	1	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 : Isohexane 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	1	1	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 28
Sex : Female Dose : Isohexane 100 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	1	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	1	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 : Isohexane 300 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	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	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 28
Sex : Female Dose : Isohexane 1000 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	1	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 : Isohexane 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 : Isohexane 100 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	1	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	MD	MD	MD	MD	MD	MD	MD	MD
50256	1	1	1	1	1	1	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	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	MD	MD	MD
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	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.
MD : Missing data

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Isohexane 300 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 35
Sex : Female Dose : Isohexane 1000 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 42
Sex : Female Dose : Isohexane 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
50153	1	1	1	1	0	1	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
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	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50151	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
50160	1	1	1
50161	1	1	1
50162	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 42
Sex : Female Dose : Isohexane 100 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
50253	1	1	1	1	1	0	0	0
50254	1	1	1	1	1	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	11	11	11	11	11	11	11	11

Animal No.	Walking backward	Vocalization	Aggression
50251	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	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 : Isohexane 300 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	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	1	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
n	11	11	11	11	11	11	11	11

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
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 : Isohexane 1000 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	1	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 : Isohexane 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
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	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	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50151	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
50160	1	1	1
50161	1	1	1
50162	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 49
Sex : Female Dose : Isohexane 100 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
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	1	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	11	11	11	11	11	11	11	11

Animal No.	Walking backward	Vocalization	Aggression
50251	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	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 : Isohexane 300 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	1	0
50352	1	1	1	1	0	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
n	11	11	11	11	11	11	11	11

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
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 : Isohexane 1000 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	1	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	1	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 : Isohexane 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	1	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 : Pre
Sex : Female (satellite) Dose : Isohexane 1000 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	1	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	1	1	0	0
50659	1	1	1	1	1	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 : Isohexane 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	1	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	1	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 : Isohexane 1000 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	1	0	0	0
50653	1	1	1	1	0	1	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 : Isohexane 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 14
Sex : Female (satellite) Dose : Isohexane 1000 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	1	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	1	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 : Isohexane 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 21
Sex : Female (satellite) Dose : Isohexane 1000 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 : Isohexane 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 28
Sex : Female (satellite) Dose : Isohexane 1000 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 : Isohexane 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	0	0	0
10106	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10106	1	1	1
10108	1	1	1
10110	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 : Isohexane 1000 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	0	0	0
10403	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10407	1	1	1
10409	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 : Isohexane 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
10106	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10106	1	1	1
10108	1	1	1
10110	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 : Isohexane 1000 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
10407	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10407	1	1	1
10409	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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 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 : Isohexane 1000 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 : Isohexane 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10101	4	2	1	2	1	1
10102	4	2	1	2	1	1
10106	4	2	1	2	1	1
10108	4	2	1	2	1	1
10110	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 : Isohexane 100 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
10202	4	2	1	2	1	1
10205	4	2	1	2	1	1
10208	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 : Isohexane 300 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10301	4	2	1	2	1	1
10307	4	2	1	2	1	1
10308	4	2	1	2	1	1
10309	4	2	1	2	1	1
10310	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 : Isohexane 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10401	4	2	1	2	1	1
10402	4	2	1	2	1	1
10403	4	2	1	2	1	1
10407	4	2	1	2	1	1
10409	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 : Isohexane 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50151	4	2	1	2	1	1
50154	4	2	1	2	1	1
50160	4	2	1	2	1	1
50161	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 : Isohexane 100 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50251	4	2	1	2	1	1
50256	4	2	1	2	1	1
50258	4	2	1	2	1	1
50260	4	2	1	2	1	1
50262	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 : Isohexane 300 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
50352	4	2	1	2	1	1
50353	4	2	1	2	1	1
50355	4	2	1	2	1	1
50357	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 : Isohexane 1000 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
50454	4	2	1	2	1	1
50456	4	2	1	2	1	1
50458	4	2	1	2	1	1
50461	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 : Isohexane 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 : Isohexane 1000 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.

Functional observations (on the desk) Stage : Recovery Week 2
Sex : Male Dose : Isohexane 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10101	4	2	1	2	1	1
10102	4	2	1	2	1	1
10106	4	2	1	2	1	1
10108	4	2	1	2	1	1
10110	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 : Recovery Week 2
Sex : Male Dose : Isohexane 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10401	4	2	1	2	1	1
10402	4	2	1	2	1	1
10403	4	2	1	2	1	1
10407	4	2	1	2	1	1
10409	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 : Isohexane 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
10101	2019	1970	2044	2011.0	690	724	714	709.3
10102	1334	1667	1505	1502.0	676	634	669	659.7
10106	1937	1801	1771	1836.3	645	732	814	730.3
10108	1349	1610	1481	1480.0	628	671	620	639.7
10110	1644	1828	2070	1847.3	535	580	502	539.0
n	5	5	5	5	5	5	5	5
Mean	1656.6	1775.2	1774.2	1735.32	634.8	668.2	663.8	655.60
S.D.	319.7	141.8	282.3	233.65	60.9	63.5	115.3	74.71

Grip strength
Sex : Male
Stage : Week 4
Dose : Isohexane 100 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	1749	1334	1909	1664.0	709	809	723	747.0
10202	1457	1507	1402	1455.3	588	738	740	688.7
10205	1936	1954	1908	1932.7	606	752	633	663.7
10208	1261	1119	1159	1179.7	491	535	458	494.7
10212	1485	1489	1571	1515.0	582	541	559	560.7
n	5	5	5	5	5	5	5	5
Mean	1577.6	1480.6	1589.8	1549.34	595.2	675.0	622.6	630.96
S.D.	265.1	307.1	325.7	276.93	77.7	127.9	117.4	101.70

Grip strength
Sex : Male
Stage : Week 4
Dose : Isohexane 300 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
10301	1163	1156	1694	1337.7	815	686	625	708.7
10307	1635	1207	1670	1504.0	836	620	626	694.0
10308	1879	1944	1782	1868.3	623	580	678	627.0
10309	1660	2135	1574	1789.7	542	649	690	627.0
10310	1675	1738	1685	1699.3	674	668	722	688.0
n	5	5	5	5	5	5	5	5
Mean	1602.4	1636.0	1681.0	1639.80	698.0	640.6	668.2	668.94
S.D.	264.2	438.4	74.1	216.75	125.8	41.8	42.2	39.02

Grip strength
Sex : Male
Stage : Week 4
Dose : Isohexane 1000 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
10401	1575	2195	1544	1771.3	734	818	762	771.3
10402	1631	1899	1587	1705.7	646	671	827	714.7
10403	1975	2153	1936	2021.3	554	536	644	578.0
10407	1557	1462	1551	1523.3	542	552	631	575.0
10409	1605	1983	1815	1801.0	696	649	700	681.7
n	5	5	5	5	5	5	5	5
Mean	1668.6	1938.4	1686.6	1764.52	634.4	645.2	712.8	664.14
S.D.	173.6	292.6	178.4	179.55	84.9	113.1	82.2	86.19

Grip strength
Sex : Female
Stage : Lactation Day 13
Dose : Isohexane 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
50151	1363	1184	1168	1238.3	646	507	553	568.7
50154	1588	1552	1577	1572.3	488	545	495	509.3
50160	1294	1196	1368	1286.0	653	589	551	597.7
50161	1292	1187	1461	1313.3	566	542	475	527.7
50162	1391	1257	1365	1337.7	502	517	516	511.7
n	5	5	5	5	5	5	5	5
Mean	1385.6	1275.2	1387.8	1349.52	571.0	540.0	518.0	543.02
S.D.	121.1	157.6	150.3	129.89	77.5	31.8	34.3	38.74

Grip strength
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 100 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
50251	1451	1552	1567	1523.3	558	565	557	560.0
50256	1607	1606	1556	1589.7	641	582	607	610.0
50258	1394	1273	1181	1282.7	592	550	529	557.0
50260	1536	1390	1557	1494.3	485	606	560	550.3
50262	1348	1428	1402	1392.7	682	609	610	633.7
n	5	5	5	5	5	5	5	5
Mean	1467.2	1449.8	1452.6	1456.54	591.6	582.4	572.6	582.20
S.D.	105.0	132.4	166.6	120.32	76.0	25.6	34.9	37.32

Grip strength
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 300 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	1561	1416	1597	1524.7	554	497	440	497.0
50352	1753	1741	1507	1667.0	534	642	517	564.3
50353	1215	1161	1489	1288.3	450	405	582	479.0
50355	1258	1231	1436	1308.3	536	438	548	507.3
50357	1343	1583	1613	1513.0	569	524	606	566.3
n	5	5	5	5	5	5	5	5
Mean	1426.0	1426.4	1528.4	1460.26	528.6	501.2	538.6	522.78
S.D.	226.3	240.9	74.9	159.95	46.2	91.7	64.6	40.12

Grip strength
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 1000 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	1535	1691	1525	1583.7	593	498	565	552.0
50454	1356	1455	1442	1417.7	416	458	511	461.7
50456	1419	1451	1671	1513.7	603	645	576	608.0
50458	1349	1214	1305	1289.3	573	619	485	559.0
50461	1298	1449	1559	1435.3	593	521	612	575.3
n	5	5	5	5	5	5	5	5
Mean	1391.4	1452.0	1500.4	1447.94	555.6	548.2	549.8	551.20
S.D.	91.0	168.7	136.7	110.68	78.8	80.3	51.2	54.49

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : Isohexane 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	1014	956	1172	1047.3	453	483	458	464.7
50557	1254	1171	1080	1168.3	454	440	467	453.7
50558	1320	1312	1254	1295.3	418	384	379	393.7
50559	1277	1029	1017	1107.7	437	478	463	459.3
50560	1300	1220	1347	1289.0	453	400	567	473.3
n	5	5	5	5	5	5	5	5
Mean	1233.0	1137.6	1174.0	1181.52	443.0	437.0	466.8	448.94
S.D.	124.9	144.1	132.1	109.70	15.7	44.7	66.8	31.71

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : Isohexane 1000 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	1082	1216	1141	1146.3	508	533	550	530.3
50657	1222	1179	1322	1241.0	491	469	467	475.7
50658	1294	1307	1351	1317.3	366	462	491	439.7
50659	1345	1386	1174	1301.7	444	556	499	499.7
50660	1420	1552	1454	1475.3	494	430	516	480.0
n	5	5	5	5	5	5	5	5
Mean	1272.6	1328.0	1288.4	1296.32	460.6	490.0	504.6	485.08
S.D.	128.8	148.9	129.7	120.49	58.1	52.5	30.9	33.29

Grip strength
Sex : Male
Stage : Recovery Week 2
Dose : Isohexane 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
10101	1868	2072	1586	1842.0	883	746	921	850.0
10102	1734	1656	1957	1782.3	712	880	751	781.0
10106	1660	2045	1756	1820.3	858	771	793	807.3
10108	1820	1787	1496	1701.0	616	691	588	631.7
10110	1693	1877	1950	1840.0	721	819	616	718.7
n	5	5	5	5	5	5	5	5
Mean	1755.0	1887.4	1749.0	1797.12	758.0	781.4	733.8	757.74
S.D.	87.0	175.1	208.7	58.84	111.0	71.9	136.0	85.03

Grip strength
Sex : Male
Stage : Recovery Week 2
Dose : Isohexane 1000 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
10401	2178	2130	2144	2150.7	625	741	934	766.7
10402	1750	1995	1984	1909.7	807	885	691	794.3
10403	1853	2028	1851	1910.7	726	736	930	797.3
10407	1771	2185	1710	1888.7	763	644	641	682.7
10409	1748	1594	1491	1611.0	780	756	719	751.7
n	5	5	5	5	5	5	5	5
Mean	1860.0	1986.4	1836.0	1894.16	740.2	752.4	783.0	758.54
S.D.	182.9	232.3	250.9	191.40	70.8	86.2	138.9	46.49

Motor activity measurements
Sex : Male

Stage : Week 4
Dose : Isohexane 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.
10101	493	157	274	226	60	4	1214
10102	627	199	436	280	127	30	1699
10106	517	344	217	175	106	38	1397
10108	427	290	138	104	163	107	1229
10110	726	551	217	329	174	183	2180
n	5	5	5	5	5	5	5
Mean	558.0	308.2	256.4	222.8	126.0	72.4	1543.8
S.D.	118.4	154.4	111.5	88.0	45.9	72.6	405.7

Motor activity measurements
Sex : Male

Stage : Week 4
Dose : Isohexane 100 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	629	310	184	112	79	104	1418
10202	830	862	747	619	245	196	3499
10205	166	133	38	64	34	161	596
10208	536	634	328	162	213	106	1979
10212	560	334	243	112	3	146	1398
n	5	5	5	5	5	5	5
Mean	544.2	454.6	308.0	213.8	114.8	142.6	1778.0
S.D.	240.9	290.3	267.2	229.1	108.3	38.8	1080.9

Motor activity measurements
Sex : Male

Stage : Week 4
Dose : Isohexane 300 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.
10301	273	150	25	28	2	0	478
10307	529	303	231	15	98	47	1223
10308	283	146	89	21	22	37	598
10309	672	348	344	225	234	174	1997
10310	283	270	185	82	66	102	988
n	5	5	5	5	5	5	5
Mean	408.0	243.4	174.8	74.2	84.4	72.0	1056.8
S.D.	182.9	91.4	124.2	88.4	91.6	67.7	604.5

Motor activity measurements
Sex : Male

Stage : Week 4
Dose : Isohexane 1000 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.
10401	517	159	86	1	5	99	867
10402	448	224	96	6	0	5	779
10403	634	402	192	114	155	42	1539
10407	393	285	100	4	30	0	812
10409	684	286	231	33	0	6	1240
n	5	5	5	5	5	5	5
Mean	535.2	271.2	141.0	31.6	38.0	30.4	1047.4
S.D.	122.5	89.9	66.0	47.8	66.6	41.8	331.2

Motor activity measurements
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 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.
50151	628	286	45	139	133	0	1231
50154	737	198	213	137	0	228	1513
50160	371	323	218	197	91	100	1300
50161	298	210	79	218	232	110	1147
50162	651	117	20	0	0	0	788
n	5	5	5	5	5	5	5
Mean	537.0	226.8	115.0	138.2	91.2	87.6	1195.8
S.D.	191.0	80.5	94.1	85.0	97.7	94.5	265.2

Motor activity measurements
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 100 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.
50251	612	204	125	241	84	208	1474
50256	420	267	147	123	130	80	1167
50258	498	265	95	165	76	65	1164
50260	339	198	63	67	137	7	811
50262	399	214	3	127	46	0	789
n	5	5	5	5	5	5	5
Mean	453.6	229.6	86.6	144.6	94.6	72.0	1081.0
S.D.	105.2	33.7	56.4	64.2	38.3	83.7	285.9

Motor activity measurements
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 300 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.
50351	242	226	209	179	325	76	1257
50352	291	129	32	71	98	0	621
50353	325	101	57	22	49	22	576
50355	246	57	20	0	0	41	364
50357	619	267	152	24	48	0	1110
n	5	5	5	5	5	5	5
Mean	344.6	156.0	94.0	59.2	104.0	27.8	785.6
S.D.	157.2	87.7	82.6	71.8	128.3	31.9	379.5

Motor activity measurements
Sex : Female

Stage : Lactation Day 13
Dose : Isohexane 1000 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.
50451	465	275	11	13	128	1	893
50454	453	6	0	0	72	222	753
50456	739	146	3	0	185	111	1184
50458	491	625	211	47	629	39	2042
50461	493	2	154	0	0	0	649
n	5	5	5	5	5	5	5
Mean	528.2	210.8	75.8	12.0	202.8	74.6	1104.2
S.D.	119.1	257.6	99.5	20.4	247.9	93.9	561.5

Motor activity measurements
Sex : Female (satellite)

Stage : Week 4
Dose : Isohexane 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	350	236	242	112	19	22	981
50557	786	545	307	73	0	0	1711
50558	391	185	92	116	0	3	787
50559	467	413	388	417	340	232	2257
50560	439	306	110	2	0	0	857
n	5	5	5	5	5	5	5
Mean	486.6	337.0	227.8	144.0	71.8	51.4	1318.6
S.D.	173.3	144.3	126.9	159.3	150.2	101.4	641.1

Motor activity measurements
Sex : Female (satellite)

Stage : Week 4
Dose : Isohexane 1000 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	622	318	265	3	68	4	1280
50657	445	280	97	111	94	0	1027
50658	735	366	166	96	27	0	1390
50659	454	252	162	64	24	0	956
50660	584	337	218	122	161	72	1494
n	5	5	5	5	5	5	5
Mean	568.0	310.6	181.6	79.2	74.8	15.2	1229.4
S.D.	121.6	45.3	63.4	47.9	56.4	31.8	231.3

Motor activity measurements
Sex : Male

Stage : Recovery Week 2
Dose : Isohexane 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.
10101	339	77	48	9	53	10	536
10102	474	262	100	56	11	41	944
10106	274	95	23	71	118	0	581
10108	286	145	36	32	7	5	511
10110	720	358	306	33	121	0	1538
n	5	5	5	5	5	5	5
Mean	418.6	187.4	102.6	40.2	62.0	11.2	822.0
S.D.	186.2	119.6	117.4	23.9	55.5	17.2	437.1

Motor activity measurements
Sex : Male

Stage : Recovery Week 2
Dose : Isohexane 1000 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.
10401	221	144	18	24	45	17	469
10402	421	275	29	53	50	6	834
10403	292	59	49	33	35	28	496
10407	605	137	187	0	2	197	1128
10409	222	155	69	26	123	2	597
n	5	5	5	5	5	5	5
Mean	352.2	154.0	70.4	27.2	51.0	50.0	704.8
S.D.	163.1	77.5	68.0	19.0	44.4	82.8	276.9

Body weight
Sex : Male

Period : Administration Day 1-28
Dose : Isohexane 0 mg/kg

Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10101	441	449	466	493	519	536	95
10102	459	467	479	486	510	537	78
10103	402	407	414	438	454	481	79
10104	460	474	489	524	553	575	115
10105	435	447	452	465	492	517	82
10106	428	444	454	484	505	525	97
10107	448	454	458	478	494	508	60
10108	451	460	470	491	516	530	79
10109	483	502	520	574	611	644	161
10110	448	455	471	497	528	546	98
10111	424	429	437	464	496	514	90
10112	468	477	486	517	534	562	94
n	12	12	12	12	12	12	12
Mean	445.6	455.4	466.3	492.6	517.7	539.6	94.0
S.D.	21.6	24.2	27.0	34.5	38.5	41.1	25.2

Body weight
Sex : Male

Period : Administration Day 1-28
Dose : Isohexane 100 mg/kg

Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10201	450	467	486	512	532	548	98
10202	448	471	483	519	535	566	118
10203	485	497	516	545	564	582	97
10204	447	456	463	472	498	512	65
10205	433	451	468	493	511	515	82
10206	419	433	441	470	495	516	97
10207	481	495	509	538	552	578	97
10208	429	443	460	495	511	531	102
10209	429	434	442	472	506	537	108
10210	443	451	461	481	502	520	77
10211	437	443	457	482	502	525	88
10212	457	466	481	507	513	529	72
n	12	12	12	12	12	12	12
Mean	446.5	458.9	472.3	498.8	518.4	538.3	91.8
S.D.	20.1	21.2	23.6	25.6	22.3	24.7	15.4

Body weight
Sex : Male

Period : Administration Day 1-28
Dose : Isohexane 300 mg/kg

Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10301	455	466	471	488	508	509	54
10302	485	507	526	557	583	616	131
10303	421	432	434	455	480	489	68
10304	430	438	451	465	479	494	64
10305	436	447	456	477	496	518	82
10306	445	457	468	488	500	511	66
10307	430	446	458	482	496	508	78
10308	452	460	478	507	518	536	84
10309	459	473	488	514	533	549	90
10310	433	442	451	478	498	508	75
10311	484	494	507	541	563	589	105
10312	412	422	433	463	480	503	91
n	12	12	12	12	12	12	12
Mean	445.2	457.0	468.4	492.9	511.2	527.5	82.3
S.D.	23.0	25.0	28.0	31.4	33.2	39.1	20.7

Body weight
Sex : Male

Period : Administration Day 1-28
Dose : Isohexane 1000 mg/kg

Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10401	426	446	460	483	495	506	80
10402	461	485	496	519	528	539	78
10403	459	465	474	500	524	531	72
10404	410	418	428	447	469	480	70
10405	443	454	464	487	525	560	117
10406	462	483	500	533	547	561	99
10407	453	467	483	517	536	557	104
10408	442	452	459	474	480	497	55
10409	433	436	448	466	482	495	62
10410	490	507	526	558	584	600	110
10411	427	435	447	462	475	486	59
10412	441	447	455	474	492	516	75
n	12	12	12	12	12	12	12
Mean	445.6	457.9	470.0	493.3	511.4	527.3	81.8
S.D.	21.1	24.9	27.2	32.7	34.9	36.9	20.8

Body weight
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 21-49
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain	/Day 21	28	35	42	49
50151	249	248	248	263	14					
50152	243	247	242	256	13					
50153	251	262	267	271	20					
50154	243	237	251	250	7					
50155	265	265	269	273	8					
50156	257	256	264	276	19					
50157	254	255	259	260	6	304				
50158	275	275	295	319	44					
50159	269	279	287	293	24					
50160	275	275	275	294	19					
50161	291	290	289	298	7					
50162	240	243	252	264	24					
n	12	12	12	12	12	1	0	0	0	0
Mean	259.3	261.0	266.5	276.4	17.1	304.0				
S.D.	15.8	16.2	17.2	20.5	10.7					

Body weight
Sex : Female
Period : F0 gestation Day 0-20
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50151	267	289	337	413	146
50152	258 $	294 $	304 $	292 $	34 $
50153	270	300	332	406	136
50154	249	297	339	404	155
50155	279	315	364	459	180
50156	277	309	345	434	157
50157	319	343	371	459	140
50158	317	354	401	494	177
50159	294	339	373	388	94
50160	295	328	371	470	175
50161	304	332	372	482	178
50162	264	295	329	407	143
n	11	11	11	11	11
Mean	285.0	318.3	357.6	437.8	152.8
S.D.	22.6	22.1	22.7	36.4	25.5

Animal No. 50152 : Non-pregnancy
$: Excepted data from calculation

Body weight
Sex : Female
Period : F0 lactation Day 0-13
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50151	315	328	338	339	24
50153	316	348	343	349	33
50154	323	325	331	339	16
50155	370	363	366	368	-2
50156	320	324 $	303 $	308 $	-12 $
50157	352	361	366	389	37
50158	391	391	390	384	-7
50160	374	387	379	379	5
50161	380	394	405	411	31
50162	324	314	324	343	19
n	10	9	9	9	9
Mean	346.5	356.8	360.2	366.8	17.3
S.D.	30.0	30.1	28.0	25.8	15.8

Animal No. 50156 : All offspring died by Postnatal Day 4.
$: Excepted data from calculation

Body weight
Sex : Female

Period : F0 before mating Day 1-14/F0 mating Day 21-49
Dose : Isohexane 100 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain	/Day 21	28	35	42	49
50251	261	262	270	280	19					
50252	257	263	269	271	14					
50253	258	265	271	282	24					
50254	241	246	251	256	15					
50255	246	259	265	267	21					
50256	283	278	295	310	27					
50257	260	266	265	260	0					
50258	263	263	275	284	21					
50259	236	252	264	266	30					
50260	256	250	265	269	13					
50261	244	246	255	264	20					
50262	303	305	326	345	42					
n	12	12	12	12	12	0	0	0	0	0
Mean	259.0	262.9	272.6	279.5	20.5					
S.D.	18.6	16.2	20.0	25.1	10.3					

Body weight
Sex : Female

Period : F0 gestation Day 0-20
Dose : Isohexane 100 mg/kg

Unit : g Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50251	284	312	344	422	138
50252	277 $	307 $	314 $	331 $	54 $
50253	288	329	371	458	170
50254	261	284	318	379	118
50255	270	296	337	421	151
50256	321	364	400	465	144
50257	277	305	334	407	130
50258	290	330	365	456	166
50259	265	290	339	428	163
50260	280	323	356	452	172
50261	267	291	321	400	133
50262	354	411	472	569	215
n	11	11	11	11	11
Mean	287.0	321.4	359.7	441.5	154.5
S.D.	27.7	37.8	44.1	50.2	26.8

Animal No. 50252 : Non-pregnancy
$: Excepted data from calculation

Body weight
Sex : Female
Period : F0 lactation Day 0-13
Dose : Isohexane 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50251	341	355	357	353	12
50253	347	362	372	380	33
50254	309	314	320	331	22
50255	331	355	350	367	36
50256	396	394	386	384	-12
50257	313	326	322	355	42
50258	351	360	353	372	21
50259	329	315	325	344	15
50260	350	365	364	375	25
50261	311	315	320	328	17
50262	459	465	451	451	-8
n	11	11	11	11	11
Mean	348.8	356.9	356.4	367.3	18.5
S.D.	44.1	44.1	38.7	33.6	16.8

Body weight
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 21-49
Dose : Isohexane 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain	/Day 21	28	35	42	49
50351	260	258	276	283	23					
50352	234	244	244	247	13					
50353	249	254	257	266	17					
50354	257	256	254	254	-3	279				
50355	273	272	281	292	19					
50356	273	273	274	287	14	322	323	323	329	330
50357	251	252	260	270	19					
50358	255	266	272	276	21					
50359	246	248	243	260	14					
50360	256	263	265	272	16					
50361	276	275	278	278	2					
50362	276	281	286	286	10					
n	12	12	12	12	12	2	1	1	1	1
Mean	258.8	261.8	265.8	272.6	13.8	300.5	323.0	323.0	329.0	330.0
S.D.	13.3	11.7	14.3	13.9	7.6	30.4				

Animal No. 50356 : Unsuccessful mating

Body weight
Sex : Female
Period : F0 gestation Day 0-20
Dose : Isohexane 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50351	289	317	363	462	173
50352	256	278	308	389	133
50353	265	298	338	420	155
50354	278	317	355	445	167
50355	294	323	358	454	160
50357	274	307	352	445	171
50358	283	326	372	457	174
50359	262	291	321	388	126
50360	274	305	350	441	167
50361	301	336	386	491	190
50362	295 $	341 $	333 $	346 $	51 $
n	10	10	10	10	10
Mean	277.6	309.8	350.3	439.2	161.6
S.D.	14.4	17.5	23.1	32.2	19.3

Animal No. 50362 : Non-pregnancy
$: Excepted data from calculation

Body weight
Sex : Female

Period : F0 lactation Day 0-13
Dose : Isohexane 300 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50351	343	351	370	365	22
50352	300	331	326	337	37
50353	333	337	339	345	12
50354	375	356	352	363	-12
50355	332	345	352	365	33
50357	343	348	341	346	3
50358	371	368	360	377	6
50359	324	342	344	343	19
50360	355	353	368	370	15
50361	352	389	397	376	24
n	10	10	10	10	10
Mean	342.8	352.0	354.9	358.7	15.9
S.D.	22.3	16.6	20.0	14.6	14.6

Body weight
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 21-49
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain	/Day 21	28	35	42	49
50451	253	248	261	268	15					
50452	242	247	251	252	10					
50453	274	270	280	293	19					
50454	242	243	241	254	12					
50455	273	275	278	280	7	329	341	333	322	337
50456	262	261	271	277	15					
50457	266	269	270	269	3					
50458	249	258	265	271	22					
50459	259	267	263	276	17					
50460	246	255	258	258	12					
50461	285	286	291	308	23					
50462	279	285	286	299	20	352	378	366	367	379
n	12	12	12	12	12	2	2	2	2	2
Mean	260.8	263.7	267.9	275.4	14.6	340.5	359.5	349.5	344.5	358.0
S.D.	14.8	14.2	14.5	17.5	6.1	16.3	26.2	23.3	31.8	29.7

Animal Nos. 50455 and 50462 : Unsuccessful mating

Body weight
Sex : Female

Period : F0 gestation Day 0-20
Dose : Isohexane 1000 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50451	274	307	345	433	159
50452	267	305	327	399	132
50453	307	340	383	465	158
50454	256	283	315	365	109
50456	281	306	343	437	156
50457	294	321	358	452	158
50458	276	301	327	401	125
50459	282	303	331	404	122
50460	270	296	321	391	121
50461	307	340	376	470	163
n	10	10	10	10	10
Mean	281.4	310.2	342.6	421.7	140.3
S.D.	16.8	18.3	23.2	34.8	20.4

Body weight
Sex : Female

Period : F0 lactation Day 0-13
Dose : Isohexane 1000 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50451	330	332	346	351	21
50452	320	332	336	347	27
50453	373	389	389	406	33
50454	316	322	330	338	22
50456	344	343	348	352	8
50457	328	360	361	354	26
50458	311	325	335	344	33
50459	322	331	350	340	18
50460	324	327	337	337	13
50461	375	399	391	392	17
n	10	10	10	10	10
Mean	334.3	346.0	352.3	356.1	21.8
S.D.	22.7	27.6	21.8	23.6	8.2

Body weight
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Isohexane 0 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50551	263	278	274	288	296	305	42
50552	255	264	261	268	277	290	35
50553	259	257	271	281	284	287	28
50554	244	239	254	249	265	264	20
50555	259	263	268	274	285	292	33
50556	250	256	266	270	273	281	31
50557	256	253	270	273	278	280	24
50558	266	268	273	268	291	297	31
50559	256	265	278	281	284	295	39
50560	252	255	256	265	269	277	25
n	10	10	10	10	10	10	10
Mean	256.0	259.8	267.1	271.7	280.2	286.8	30.8
S.D.	6.4	10.4	7.9	10.7	9.7	11.7	6.8

Body weight
Sex : Female (satellite)

Period : Administration Day 1-28
Dose : Isohexane 1000 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50651	234	241	251	257	260	267	33
50652	261	263	263	281	285	292	31
50653	272	276	285	298	309	316	44
50654	251	257	268	271	278	284	33
50655	255	261	262	260	273	286	31
50656	263	258	272	274	269	277	14
50657	261	273	282	292	316	331	70
50658	241	251	249	248	264	261	20
50659	249	252	250	259	269	271	22
50660	267	269	285	294	300	313	46
n	10	10	10	10	10	10	10
Mean	255.4	260.1	266.7	273.4	282.3	289.8	34.4
S.D.	11.8	10.7	14.2	17.4	19.6	23.2	16.0

Body weight
Sex : Male

Period : Recovery Day 1-14
Dose : Isohexane 0 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10101	538	548	556	18
10102	533	560	580	47
10106	530	543	552	22
10108	535	551	566	31
10110	544	552	559	15
n	5	5	5	5
Mean	536.0	550.8	562.6	26.6
S.D.	5.3	6.2	11.0	12.9

Body weight
Sex : Male

Period : Recovery Day 1-14
Dose : Isohexane 1000 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10401	506	512	521	15
10402	541	551	565	24
10403	533	546	569	36
10407	549	567	583	34
10409	491	498	513	22
n	5	5	5	5
Mean	524.0	534.8	550.2	26.2
S.D.	24.5	28.7	31.2	8.7

Body weight
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50556	278	295	294	16
50557	283	292	305	22
50558	294	295	301	7
50559	287	309	311	24
50560	276	283	300	24
n	5	5	5	5
Mean	283.6	294.8	302.2	18.6
S.D.	7.2	9.3	6.3	7.3

Body weight
Sex : Female (satellite)

Period : Recovery Day 1-14
Dose : Isohexane 1000 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50656	275	285	294	19
50657	326	333	340	14
50658	262	262	278	16
50659	276	275	288	12
50660	309	320	332	23
n	5	5	5	5
Mean	289.6	295.0	306.4	16.8
S.D.	26.7	30.2	27.8	4.3

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10101	25.4	25.1	26.5	25.8
10102	26.0	25.7	24.6	22.7
10103	22.6	23.6	23.2	23.5
10104	27.6	27.0	27.8	28.5
10105	25.8	25.3	23.5	23.4
10106	24.1	24.6	24.7	23.7
10107	25.2	24.6	24.7	:::
10108	26.0	25.4	26.0	25.3
10109	29.1	32.2	33.5	31.2
10110	25.0	26.1	25.6	24.4
10111	24.9	25.9	26.0	25.2
10112	27.4	26.0	26.0	26.3
n	12	12	12	11
Mean	25.76	25.96	26.01	25.45
S.D.	1.70	2.15	2.69	2.51

::: : During mating

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Isohexane 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10201	28.6	28.8	29.5	26.8
10202	30.3	28.0	29.5	27.8
10203	28.5	29.0	27.7	24.1
10204	28.4	27.4	26.0	26.5
10205	28.1	27.1	26.8	23.3
10206	24.7	23.0	25.0	23.3
10207	29.8	29.8	29.5	30.4
10208	30.1	32.9	33.3	28.4
10209	25.7	24.6	24.9	27.7
10210	24.9	25.1	24.8	24.5
10211	24.7	25.1	25.7	24.8
10212	27.7	27.1	28.9	24.5
n	12	12	12	12
Mean	27.63	27.33	27.63	26.01
S.D.	2.11	2.68	2.59	2.26

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Isohexane 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10301	23.6	23.5	22.9	20.0
10302	33.9	33.0	32.3	31.1
10303	24.4	23.3	23.9	24.1
10304	24.1	24.6	24.6	:::
10305	25.7	24.9	26.7	25.8
10306	25.9	24.0	24.5	:::
10307	23.1	23.9	23.2	21.0
10308	27.1	26.6	27.3	25.0
10309	27.5	27.1	29.3	24.0
10310	24.1	23.8	23.6	21.6
10311	29.0	29.5	31.1	28.4
10312	26.8	26.8	26.5	27.3
n	12	12	12	10
Mean	26.27	25.92	26.33	24.83
S.D.	3.00	2.91	3.16	3.48

::: : During mating

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10401	26.0	23.8	24.8	22.4
10402	28.2	27.8	26.3	23.9
10403	27.5	25.3	25.4	25.6
10404	21.1	20.6	22.7	23.2
10405	23.1	21.7	25.1	:::
10406	27.4	27.1	29.0	25.5
10407	29.0	30.1	30.7	26.1
10408	24.3	24.3	24.5	24.5
10409	24.0	22.9	22.7	24.2
10410	31.6	30.9	31.6	30.2
10411	24.6	24.3	23.9	22.1
10412	26.1	26.4	25.7	:::
n	12	12	12	10
Mean	26.08	25.43	26.03	24.77
S.D.	2.87	3.16	2.92	2.33

::: : During mating

Food consumption
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 35-49
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	35	42	49
50151	14.0	15.8	16.3			
50152	15.5	17.3	17.6			
50153	18.1	15.9	16.2			
50154	17.0	23.1	19.5			
50155	16.7	17.8	16.3			
50156	18.7	19.3	18.9			
50157	16.9	17.4	16.8			
50158	21.6	23.6	23.8			
50159	23.1	20.8	20.3			
50160	16.5	18.6	18.2			
50161	16.8	18.6	18.5			
50162	16.3	17.9	17.9			
n	12	12	12	0	0	0
Mean	17.60	18.84	18.36			
S.D.	2.53	2.51	2.16			

Food consumption
Sex : Female

Period : F0 gestation Day 0-20
Dose : Isohexane 0 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 7	14	20
50151	18.4	22.2	21.9
50152	21.8 $	22.4 $	17.0 $
50153	17.8	19.5	21.7
50154	24.0	27.2	23.5
50155	23.4	27.3	26.8
50156	23.3	24.8	23.7
50157	20.3	21.6	22.6
50158	21.7	26.7	27.4
50159	25.9	28.6	34.4
50160	22.2	24.8	26.1
50161	21.4	23.4	24.8
50162	20.9	23.4	21.1
n	11	11	11
Mean	21.75	24.50	24.91
S.D.	2.40	2.79	3.79

Animal No. 50152 : Non-pregnancy
$: Excepted data from calculation

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50151	28.8	41.8	55.7
50153	30.9	38.6	51.4
50154	25.4	35.1	45.0
50155	32.5	42.1	54.0
50156	22.3 $	20.0 $	21.0 $
50157	16.5	27.8	38.1
50158	23.8	34.5	48.3
50160	25.7	33.5	45.3
50161	36.1	47.9	58.4
50162	23.0	40.9	54.6
n	9	9	9
Mean	26.97	38.02	50.09
S.D.	5.83	5.95	6.46

Animal No. 50156 : All offspring died by Postnatal Day 4.
$: Excepted data from calculation

Food consumption
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 35-49
Dose : Isohexane 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	35	42	49
50251	16.9	16.5	15.6			
50252	19.0	18.5	19.6			
50253	18.6	17.5	18.3			
50254	17.0	17.2	16.7			
50255	18.4	17.4	16.8			
50256	20.4	22.4	21.3			
50257	17.8	16.2	16.9			
50258	19.6	21.1	18.8			
50259	18.3	16.9	18.2			
50260	17.3	20.6	18.1			
50261	17.2	18.0	16.9			
50262	21.9	25.2	23.9			
n	12	12	12	0	0	0
Mean	18.53	18.96	18.43			
S.D.	1.51	2.78	2.30			

Food consumption
Sex : Female

Period : F0 gestation Day 0-20
Dose : Isohexane 100 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 7	14	20
50251	19.3	20.2	19.8
50252	23.0 $	23.6 $	19.2 $
50253	22.9	25.3	24.9
50254	20.4	22.2	20.1
50255	19.2	22.1	21.6
50256	26.3	30.3	22.2
50257	19.4	21.9	22.4
50258	22.9	23.8	23.0
50259	19.2	22.5	25.1
50260	24.3	25.9	23.0
50261	19.6	20.9	20.3
50262	31.8	37.7	31.1
n	11	11	11
Mean	22.30	24.80	23.05
S.D.	3.98	5.13	3.20

Animal No. 50252 : Non-pregnancy
$: Excepted data from calculation

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Isohexane 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50251	33.3	43.6	51.1
50253	35.6	45.0	53.4
50254	35.6	40.8	53.4
50255	33.5	42.3	56.0
50256	23.8	34.1	46.6
50257	28.1	33.6	49.8
50258	24.8	29.9	47.8
50259	26.6	37.2	53.3
50260	28.2	42.2	52.0
50261	29.9	42.8	53.5
50262	29.0	34.9	48.9
n	11	11	11
Mean	29.85	38.76	51.44
S.D.	4.13	5.01	2.87

Food consumption
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 35-49
Dose : Isohexane 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	35	42	49
50351	16.7	18.9	17.9			
50352	16.3	14.5	15.1			
50353	16.4	16.2	17.8			
50354	15.7	16.3	17.2			
50355	17.0	19.7	18.4			
50356	15.7	16.5	18.6	17.7	16.3	16.5
50357	17.6	18.4	18.3			
50358	18.6	17.3	17.6			
50359	15.5	14.0	16.5			
50360	17.4	16.0	17.3			
50361	16.6	17.1	19.0			
50362	20.5	24.7	21.6			
n	12	12	12	1	1	1
Mean	17.00	17.47	17.94	17.70	16.30	16.50
S.D.	1.42	2.82	1.55			

Animal No. 50356 : Unsuccessful mating

Food consumption
Sex : Female
Period : F0 gestation Day 0-20
Dose : Isohexane 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50351	20.8	23.5	25.7
50352	18.5	20.0	22.7
50353	21.6	24.3	22.4
50354	23.3	24.6	25.6
50355	21.8	24.6	25.2
50357	21.9	25.1	25.1
50358	25.4	29.1	25.6
50359	19.1	22.5	20.9
50360	20.1	25.3	24.8
50361	24.2	26.1	26.9
50362	25.6 $	25.8 $	20.0 $
n	10	10	10
Mean	21.67	24.51	24.49
S.D.	2.18	2.36	1.86

Animal No. 50362 : Non-pregnancy
$: Excepted data from calculation

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Isohexane 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50351	20.6	37.0	46.6
50352	31.3	39.2	52.8
50353	28.9	43.2	56.6
50354	27.2	35.8	52.2
50355	32.4	45.1	53.9
50357	33.4	41.5	51.1
50358	32.8	38.0	52.4
50359	32.1	40.8	51.7
50360	33.6	43.5	52.6
50361	36.1	46.6	58.7
n	10	10	10
Mean	30.84	41.07	52.86
S.D.	4.37	3.57	3.22

Food consumption
Sex : Female
Period : F0 before mating Day 1-14/F0 mating Day 35-49
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	35	42	49
50451	15.7	18.6	17.2			
50452	16.0	18.0	17.8			
50453	17.1	19.8	18.6			
50454	17.0	17.5	18.8			
50455	18.9	19.2	20.6	16.6	18.1	22.1
50456	18.0	21.1	18.1			
50457	21.0	22.8	22.9			
50458	17.5	17.0	17.4			
50459	19.8	17.6	19.0			
50460	18.9	16.8	18.0			
50461	23.0	24.0	24.0			
50462	19.3	19.3	21.6	20.0	21.3	22.8
n	12	12	12	2	2	2
Mean	18.52	19.31	19.50	18.30	19.70	22.45
S.D.	2.10	2.29	2.25	2.40	2.26	0.49

Animal Nos. 50455 and 50462 : Unsuccessful mating

Food consumption
Sex : Female
Period : F0 gestation Day 0-20
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50451	22.4	24.4	24.3
50452	22.7	23.2	21.8
50453	24.7	26.8	27.0
50454	21.7	23.3	21.3
50456	22.4	25.3	26.3
50457	28.2	28.3	28.5
50458	18.5	21.4	22.7
50459	19.3	21.1	21.9
50460	19.8	20.1	22.7
50461	25.4	27.0	28.3
n	10	10	10
Mean	22.51	24.09	24.48
S.D.	2.98	2.76	2.80

Food consumption
Sex : Female
Period : F0 lactation Day 0-13
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50451	25.5	42.5	53.8
50452	29.5	40.2	52.7
50453	23.1	34.8	51.8
50454	27.2	35.9	44.7
50456	29.8	40.7	52.5
50457	41.0	45.6	69.7
50458	26.3	41.6	52.7
50459	25.6	40.3	45.3
50460	35.3	44.1	53.4
50461	44.1	48.1	63.6
n	10	10	10
Mean	30.74	41.38	54.02
S.D.	7.08	4.06	7.54

Food consumption
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	21	28
50551	20.4	19.0	20.3	17.1	18.4
50552	19.9	18.0	19.9	18.6	18.7
50553	17.7	19.8	15.2	18.1	18.1
50554	14.7	18.2	18.3	16.8	15.8
50555	17.6	19.4	19.9	20.2	19.1
50556	21.6	19.4	18.8	16.3	16.1
50557	13.4	16.4	16.1	15.6	15.2
50558	21.1	18.2	17.9	19.0	17.1
50559	23.6	22.1	18.0	17.2	17.2
50560	14.5	17.2	19.4	16.8	17.6
n	10	10	10	10	10
Mean	18.45	18.77	18.38	17.57	17.33
S.D.	3.43	1.57	1.67	1.39	1.30

Food consumption
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	21	28
50651	17.4	16.7	17.2	16.7	16.7
50652	17.0	18.6	19.2	17.9	19.0
50653	22.3	21.9	19.3	19.3	19.7
50654	17.6	17.9	17.4	16.7	18.3
50655	16.8	16.1	16.9	16.8	16.3
50656	17.0	22.2	17.1	16.3	16.5
50657	21.5	22.0	22.9	21.5	19.3
50658	19.2	18.8	20.3	21.1	17.8
50659	16.2	17.3	18.0	16.0	17.9
50660	20.2	20.9	21.0	19.2	19.8
n	10	10	10	10	10
Mean	18.52	19.24	18.93	18.15	18.13
S.D.	2.15	2.33	1.99	2.01	1.32

Food consumption
Sex : Male
Period : Recovery Day 1-14
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
10101	30.1	28.1
10102	29.6	29.0
10106	27.5	27.7
10108	31.9	30.6
10110	29.5	29.0
n	5	5
Mean	29.72	28.88
S.D.	1.57	1.12

Food consumption
Sex : Male
Period : Recovery Day 1-14
Dose : Isohexane 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
10401	28.1	26.4
10402	30.3	29.7
10403	29.2	30.1
10407	33.5	35.2
10409	27.7	27.3
n	5	5
Mean	29.76	29.74
S.D.	2.32	3.43

Food consumption
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Isohexane 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
50556	20.2	18.4
50557	19.1	18.6
50558	20.1	21.5
50559	22.1	19.7
50560	21.1	22.1
n	5	5
Mean	20.52	20.06
S.D.	1.13	1.68

Food consumption
Sex : Female (satellite)

Period : Recovery Day 1-14
Dose : Isohexane 1000 mg/kg

Unit : g

Species : Rat

Animal No.	/Day 7	14
50656	20.1	19.2
50657	22.1	23.2
50658	19.6	22.7
50659	20.0	20.7
50660	23.2	24.6
n	5	5
Mean	21.00	22.08
S.D.	1.57	2.13

Urinary findings
Sex : Male

Stage : Week 4
Dose : Isohexane 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10101	8.0	-	-	0.1	-	-	A	+
10102	8.5	-	-	0.1	-	-	A	2+
10106	8.5	-	-	0.1	-	-	A	+
10108	8.5	-	-	0.1	-	-	A	2+
10110	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 : Isohexane 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10101	9.5
10102	8.0
10106	31.0
10108	8.5
10110	10.0
n	5
Mean	13.40
S.D.	9.87

Urinary findings
Sex : Male
Stage : Week 4
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	Specific gravity
10101	5
10102	5
10106	2
10108	5
10110	5
n	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 : Isohexane 0 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
10101	-	-	±	-	-	-
10102	-	-	±	-	-	-
10106	-	-	±	-	-	-
10108	-	-	-	-	-	-
10110	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Male

Stage : Week 4
Dose : Isohexane 100 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10201	7.5	-	-	0.1	-	-	A	+
10202	8.5	-	-	0.1	-	±	A	±
10205	8.0	-	-	0.1	-	-	A	+
10208	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 : Isohexane 100 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10201	10.5
10202	47.5
10205	16.5
10208	20.0
10212	10.5
n	5
Mean	21.00
S.D.	15.36

Urinary findings
Sex : Male
Stage : Week 4
Dose : Isohexane 100 mg/kg
Species : Rat

Animal No.	Specific gravity
10201	5
10202	2
10205	3
10208	3
10212	4
n	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 : Isohexane 100 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
10201	-	-	-	-	-	-
10202	-	-	±	-	-	-
10205	-	-	±	-	-	-
10208	-	-	-	-	-	-
10212	-	-	±	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Male

Stage : Week 4
Dose : Isohexane 300 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10301	8.5	-	-	0.1	-	±	A	+
10307	8.5	-	-	0.1	-	-	A	2+
10308	8.5	-	-	0.1	-	-	A	2+
10309	7.0	-	-	0.1	-	-	A	2+
10310	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 : Isohexane 300 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10301	11.5
10307	8.0
10308	15.0
10309	9.0
10310	13.0
n	5
Mean	11.30
S.D.	2.86

Urinary findings
Sex : Male
Stage : Week 4
Dose : Isohexane 300 mg/kg
Species : Rat

Animal No.	Specific gravity
10301	5
10307	5
10308	4
10309	5
10310	4
n	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 : Isohexane 300 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
10301	-	-	-	-	-	-
10307	-	-	-	-	-	-
10308	-	-	±	-	-	-
10309	-	-	-	-	-	-
10310	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Male

Stage : Week 4
Dose : Isohexane 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10401	8.5	-	-	0.1	-	-	A	2+
10402	8.5	-	-	0.1	-	+	A	2+
10403	8.5	-	-	0.1	-	-	A	2+
10407	8.5	-	-	0.1	-	-	A	2+
10409	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 : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10401	10.5
10402	20.5
10403	8.5
10407	23.0
10409	12.0
n	5
Mean	14.90
S.D.	6.44

Urinary findings
Sex : Male
Stage : Week 4
Dose : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Specific gravity
10401	5
10402	3
10403	5
10407	3
10409	4
n	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 : Isohexane 1000 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
10401	-	-	±	-	-	-
10402	-	-	±	-	-	-
10403	-	-	±	-	-	-
10407	-	-	±	-	-	-
10409	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Female (satellite)

Stage : Week 4
Dose : Isohexane 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.0	-	-	0.1	-	-	A	±
50557	8.0	-	-	0.1	-	-	A	2+
50558	8.5	-	-	0.1	-	-	A	±
50559	8.0	-	-	0.1	-	-	A	±
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 : Week 4
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	6.5
50557	6.5
50558	13.5
50559	10.5
50560	10.0
n	5
Mean	9.40
S.D.	2.97

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	Specific gravity
50556	5
50557	5
50558	3
50559	3
50560	4
n	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 : Isohexane 0 mg/kg
Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
50556	-	-	-	-	-	-
50557	-	-	-	-	-	-
50558	-	-	-	-	-	-
50559	-	-	-	-	-	-
50560	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Female (satellite)

Stage : Week 4
Dose : Isohexane 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	8.0	-	-	0.1	-	-	A	2+
50657	8.5	-	-	0.1	-	-	A	+
50658	8.5	-	-	0.1	-	-	A	+
50659	6.0	-	-	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 : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	4.0
50657	15.0
50658	13.0
50659	4.5
50660	10.0
n	5
Mean	9.30
S.D.	4.94

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Specific gravity
50656	5
50657	4
50658	4
50659	5
50660	4
n	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 : Isohexane 1000 mg/kg
Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
50656	-	-	-	-	-	-
50657	-	-	-	-	-	-
50658	-	-	-	-	-	-
50659	-	-	-	-	-	-
50660	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Male

Stage : Recovery Week 2
Dose : Isohexane 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10101	8.5	-	-	0.1	-	±	A	2+
10102	8.5	-	-	0.1	-	-	A	2+
10106	8.0	-	-	0.1	-	-	A	+
10108	8.5	-	-	0.1	-	-	A	+
10110	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 : Isohexane 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10101	10.0
10102	9.0
10106	31.5
10108	9.5
10110	12.0
n	5
Mean	14.40
S.D.	9.63

Urinary findings
Sex : Male
Stage : Recovery Week 2
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	Specific gravity
10101	5
10102	5
10106	2
10108	5
10110	5
n	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 : Isohexane 0 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
10101	-	-	-	-	-	-
10102	-	-	-	-	-	-
10106	-	-	-	-	-	-
10108	-	-	-	-	-	-
10110	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Male

Stage : Recovery Week 2
Dose : Isohexane 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10401	8.5	-	-	0.1	-	-	A	+
10402	8.5	-	-	0.1	-	±	A	2+
10403	8.0	-	-	0.1	-	±	A	2+
10407	8.0	-	-	0.1	-	-	A	2+
10409	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 : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10401	12.0
10402	20.5
10403	11.5
10407	31.5
10409	18.0
n	5
Mean	18.70
S.D.	8.13

Urinary findings
Sex : Male
Stage : Recovery Week 2
Dose : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Specific gravity
10401	5
10402	4
10403	5
10407	3
10409	3
n	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 : Isohexane 1000 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
10401	-	-	±	-	-	-
10402	-	-	-	-	-	-
10403	-	-	-	-	-	-
10407	-	-	-	-	-	-
10409	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Female (satellite)

Stage : Recovery Week 2
Dose : Isohexane 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.0	-	-	0.1	-	-	A	+
50557	8.5	-	-	0.1	-	-	A	+
50558	8.5	-	-	0.1	-	-	A	±
50559	8.5	-	-	0.1	-	-	A	±
50560	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 : Female (satellite)
Stage : Recovery Week 2
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	5.5
50557	12.0
50558	20.5
50559	23.0
50560	14.0
n	5
Mean	15.00
S.D.	6.97

Urinary findings
Sex : Female (satellite)
Stage : Recovery Week 2
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	Specific gravity
50556	5
50557	3
50558	3
50559	2
50560	4
n	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 : Isohexane 0 mg/kg

Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
50556	-	-	±	-	-	-
50557	-	-	-	-	-	-
50558	-	-	-	-	-	-
50559	-	-	-	-	-	-
50560	-	-	-	-	-	-
n	5	5	5	5	5	5

Urinary findings
Sex : Female (satellite)

Stage : Recovery Week 2
Dose : Isohexane 1000 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	+
50658	8.5	-	-	0.1	-	-	A	+
50659	8.5	-	-	0.1	-	-	A	+
50660	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 : Recovery Week 2
Dose : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	6.0
50657	14.0
50658	9.5
50659	7.5
50660	15.5
n	5
Mean	10.50
S.D.	4.11

Urinary findings
Sex : Female (satellite)
Stage : Recovery Week 2
Dose : Isohexane 1000 mg/kg
Species : Rat

Animal No.	Specific gravity
50656	5
50657	4
50658	5
50659	5
50660	3
n	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 : Isohexane 1000 mg/kg
Species : Rat

Animal No.	RBC	WBC	Squamous	Round	Small round	Cast
50656	-	-	±	-	-	-
50657	-	-	-	-	-	-
50658	-	-	-	-	-	-
50659	-	-	-	-	-	-
50660	-	-	-	-	-	-
n	5	5	5	5	5	5

Hematological findings
Sex : Male

Stage : Day 29
Dose : Isohexane 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 $10^2/\mu L$
10103	867	15.4	42.4	48.9	17.8	36.3	3.49	132.7	102.0	15.5	81.8
10104	860	15.7	44.2	51.4	18.3	35.5	4.00	111.0	110.6	20.4	84.0
10105	888	15.6	43.4	48.9	17.6	35.9	3.05	117.3	90.5	15.3	70.8
10107	829	14.7	41.4	49.9	17.7	35.5	3.25	109.2	75.8	18.0	51.8
10109	821	15.0	43.2	52.6	18.3	34.7	4.41	103.4	127.6	28.1	90.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	853.0	15.28	42.92	50.34	17.94	35.58	3.640	114.72	101.30	19.46	75.86
S.D.	27.7	0.42	1.06	1.63	0.34	0.59	0.558	11.21	19.66	5.26	15.27

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10103	3.7	0.9	0.1	18.0	19.4
10104	5.1	1.0	0.1	18.2	20.2
10105	3.2	1.1	0.1	23.7	19.2
10107	4.8	1.1	0.1	15.7	18.0
10109	6.5	2.0	0.1	14.9	17.0
n	5	5	5	5	5
Mean	4.66	1.22	0.10	18.10	18.76
S.D.	1.29	0.44	0.00	3.44	1.26

Hematological findings
Sex : Male

Stage : Day 29
Dose : Isohexane 100 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 $10^2/\mu L$
10203	907	16.2	44.4	49.0	17.9	36.5	2.90	114.1	133.1	32.2	96.2
10204	801	14.9	41.9	52.3	18.6	35.6	3.23	98.7	71.6	19.2	47.6
10206	828	15.0	42.4	51.2	18.1	35.4	3.78	121.4	109.0	17.2	85.3
10207	860	15.3	42.3	49.2	17.8	36.2	3.94	138.8	103.0	27.5	67.9
10209	792	15.0	43.4	54.8	18.9	34.6	4.11	96.1	71.5	14.5	52.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	837.6	15.28	42.88	51.30	18.26	35.66	3.592	113.82	97.64	22.12	69.80
S.D.	47.0	0.54	1.01	2.40	0.47	0.74	0.509	17.49	26.35	7.44	20.92

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10203	3.4	1.2	0.1	22.5	23.8
10204	3.9	0.8	0.1	16.4	17.2
10206	5.6	0.8	0.1	18.1	20.8
10207	5.9	1.6	0.1	17.1	21.9
10209	3.6	1.4	0.0	18.2	19.3
n	5	5	5	5	5
Mean	4.48	1.16	0.08	18.46	20.60
S.D.	1.18	0.36	0.04	2.38	2.51

Hematological findings
Sex : Male

Stage : Day 29
Dose : Isohexane 300 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 $10^2/\mu L$
10302	823	15.1	42.1	51.2	18.3	35.9	3.45	115.2	75.7	15.2	56.2
10303	903	16.6	46.2	51.2	18.4	35.9	3.22	114.8	106.2	19.3	81.5
10304	833	14.8	42.0	50.4	17.8	35.2	2.85	95.4	88.7	22.0	61.4
10305	962	16.4	45.3	47.1	17.0	36.2	2.99	112.3	97.6	28.0	61.3
10306	889	15.8	44.6	50.2	17.8	35.4	2.94	94.2	111.0	27.6	75.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	882.0	15.74	44.04	50.02	17.86	35.72	3.090	106.38	95.84	22.42	67.12
S.D.	56.5	0.79	1.90	1.69	0.55	0.41	0.243	10.64	14.11	5.48	10.70

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10302	3.2	1.1	0.0	15.9	18.5
10303	4.0	1.3	0.1	18.8	21.2
10304	4.0	1.3	0.0	17.2	19.3
10305	6.7	1.3	0.3	22.0	23.3
10306	5.6	2.5	0.1	18.4	18.5
n	5	5	5	5	5
Mean	4.70	1.50	0.10	18.46	20.16
S.D.	1.42	0.57	0.12	2.28	2.07

Hematological findings
Sex : Male

Stage : Day 29
Dose : Isohexane 1000 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 $10^2/\mu L$
10404	915	15.7	43.8	47.9	17.2	35.8	3.16	133.5	95.1	21.1	67.4
10405	891	16.3	45.4	51.0	18.3	35.9	3.19	124.7	72.1	20.4	47.7
10406	920	15.7	44.4	48.3	17.1	35.4	2.69	127.8	105.5	18.8	79.7
10408	874	14.8	42.5	48.6	16.9	34.8	4.03	107.9	66.0	15.0	47.6
10410	858	15.3	43.5	50.7	17.8	35.2	3.75	116.5	85.4	17.4	62.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	891.6	15.56	43.92	49.30	17.46	35.42	3.364	122.08	84.82	18.54	61.06
S.D.	26.4	0.55	1.08	1.44	0.58	0.45	0.529	10.03	16.20	2.44	13.70

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10404	4.7	1.9	0.0	21.1	22.2
10405	3.2	0.8	0.0	25.8	23.6
10406	5.7	1.2	0.1	18.8	20.6
10408	3.0	0.4	0.0	24.7	23.4
10410	3.5	1.6	0.0	16.3	17.6
n	5	5	5	5	5
Mean	4.02	1.18	0.02	21.34	21.48
S.D.	1.15	0.60	0.04	3.97	2.48

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 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 $10^2/\mu L$
50151	774	15.0	42.7	55.2	19.4	35.1	4.82	125.6	91.8	28.8	55.5
50154	806	15.0	41.2	51.1	18.6	36.4	3.88	136.8	83.0	33.2	42.7
50160	782	15.0	42.0	53.7	19.2	35.7	5.04	119.3	115.3	46.0	64.9
50161	775	15.5	42.9	55.4	20.0	36.1	3.53	126.0	62.7	23.7	35.7
50162	738	14.9	41.8	56.6	20.2	35.6	5.15	122.5	68.0	20.8	42.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	775.0	15.08	42.12	54.40	19.48	35.78	4.484	126.04	84.16	30.50	48.32
S.D.	24.4	0.24	0.69	2.11	0.64	0.50	0.732	6.59	20.92	9.88	11.70

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50151	5.8	1.7	0.0	16.1	13.7
50154	6.1	1.0	0.0	16.0	14.6
50160	3.4	1.0	0.0	15.8	14.9
50161	3.0	0.3	0.0	17.2	14.4
50162	3.6	0.8	0.0	18.2	15.8
n	5	5	5	5	5
Mean	4.38	0.96	0.00	16.66	14.68
S.D.	1.45	0.50	0.00	1.02	0.77

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 100 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 $10^2/\mu L$
50251	807	15.6	42.7	52.9	19.3	36.5	4.66	140.9	81.4	51.2	26.8
50256	721	14.0	39.1	54.2	19.4	35.8	3.80	125.5	76.9	36.0	35.8
50258	736	14.2	41.4	56.3	19.3	34.3	4.86	101.9	57.7	20.2	33.3
50260	753	15.1	42.7	56.7	20.1	35.4	4.54	124.0	85.0	38.4	41.3
50262	759	14.3	40.1	52.8	18.8	35.7	3.00	101.2	112.1	33.6	69.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	755.2	14.64	41.20	54.58	19.38	35.54	4.172	118.70	82.62	35.88	41.34
S.D.	32.6	0.68	1.59	1.84	0.47	0.80	0.768	17.00	19.56	11.09	16.58

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50251	3.0	0.3	0.1	16.1	15.6
50256	4.5	0.6	0.0	15.8	14.1
50258	3.2	1.0	0.0	17.3	14.3
50260	4.4	0.9	0.0	15.2	14.1
50262	7.1	1.9	0.0	15.6	13.7
n	5	5	5	5	5
Mean	4.44	0.94	0.02	16.00	14.36
S.D.	1.63	0.60	0.04	0.80	0.73

Hematological findings
Sex : Female
Stage : Day 14 after parturition
Dose : Isohexane 300 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	741	14.3	39.6	53.4	19.3	36.1	3.83	96.8	68.6	34.0	33.4
50352	767	15.7	44.3	57.8	20.5	35.4	5.56	103.5	102.4	47.8	47.7
50353	775	16.0	45.3	58.5	20.6	35.3	5.49	133.0	72.8	28.9	41.0
50355	755	15.5	43.6	57.7	20.5	35.6	4.87	93.7	122.5	49.9	64.7
50357	825	15.8	42.9	52.0	19.2	36.8	3.26	119.1	54.8	25.4	26.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	772.6	15.46	43.14	55.88	20.02	35.84	4.602	109.22	84.22	37.20	42.74
S.D.	32.0	0.67	2.17	2.96	0.70	0.62	1.022	16.51	27.55	11.09	14.56

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50351	1.0	0.1	0.1	16.9	15.0
50352	6.1	0.8	0.0	15.5	13.2
50353	2.6	0.3	0.0	16.7	15.9
50355	6.7	1.2	0.0	16.6	8.1
50357	2.3	0.2	0.0	16.5	13.0
n	5	5	5	5	5
Mean	3.74	0.52	0.02	16.44	13.04
S.D.	2.51	0.47	0.04	0.55	3.02

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 1000 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	777	14.6	41.6	53.5	18.8	35.1	4.02	107.9	75.1	29.9	38.3
50454	795	15.9	44.4	55.8	20.0	35.8	4.24	99.6	73.7	35.1	34.6
50456	734	14.7	41.1	56.0	20.0	35.8	3.33	109.2	70.4	30.4	34.2
50458	715	14.2	39.4	55.1	19.9	36.0	5.15	85.3	99.5	42.3	56.6
50461	762	15.8	44.6	58.5	20.7	35.4	3.63	88.3	94.7	38.8	49.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	756.6	15.04	42.22	55.78	19.88	35.62	4.074	98.06	82.68	35.30	42.62
S.D.	32.3	0.76	2.24	1.81	0.68	0.36	0.696	10.97	13.38	5.35	9.94

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50451	5.9	1.0	0.0	15.4	12.8
50454	3.0	1.0	0.0	16.1	13.5
50456	5.1	0.6	0.1	16.8	15.3
50458	0.4	0.1	0.1	17.1	14.8
50461	6.1	0.4	0.0	16.7	13.2
n	5	5	5	5	5
Mean	4.10	0.62	0.04	16.42	13.92
S.D.	2.41	0.39	0.05	0.68	1.08

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : Isohexane 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	896	15.8	42.8	47.8	17.6	36.9	2.06	103.9	40.8	4.9	33.7
50552	865	15.4	42.5	49.1	17.8	36.2	3.19	110.6	60.8	12.9	44.5
50553	809	15.4	42.5	52.5	19.0	36.2	2.64	109.4	52.9	5.6	43.7
50554	844	15.5	43.4	51.4	18.4	35.7	3.29	99.3	38.6	4.1	32.9
50555	850	16.0	44.1	51.9	18.8	36.3	2.93	103.6	46.0	6.4	37.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	852.8	15.62	43.06	50.54	18.32	36.26	2.822	105.36	47.82	6.78	38.42
S.D.	31.7	0.27	0.69	2.00	0.61	0.43	0.495	4.63	9.11	3.53	5.45

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50551	1.4	0.8	0.0	15.8	13.6
50552	2.5	0.9	0.0	16.1	12.7
50553	2.1	1.5	0.0	16.0	15.8
50554	1.0	0.6	0.0	15.6	13.4
50555	1.3	1.0	0.0	16.9	15.3
n	5	5	5	5	5
Mean	1.66	0.96	0.00	16.08	14.16
S.D.	0.62	0.34	0.00	0.50	1.32

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : Isohexane 1000 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	769	14.5	40.4	52.5	18.9	35.9	2.84	120.9	41.9	4.2	35.2
50652	775	14.5	41.0	52.9	18.7	35.4	3.23	123.3	45.2	7.5	34.2
50653	866	15.6	43.0	49.7	18.0	36.3	2.71	108.2	68.1	10.2	54.2
50654	891	16.1	43.9	49.3	18.1	36.7	2.22	126.2	40.3	5.8	32.2
50655	828	15.4	43.7	52.8	18.6	35.2	3.09	113.2	40.6	9.1	29.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	825.8	15.22	42.40	51.44	18.46	35.90	2.818	118.36	47.22	7.36	37.02
S.D.	54.0	0.70	1.60	1.78	0.39	0.62	0.392	7.45	11.83	2.43	9.86

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50651	2.2	0.3	0.0	14.7	16.0
50652	2.8	0.7	0.0	14.7	14.6
50653	2.8	0.9	0.0	14.6	15.2
50654	1.3	1.0	0.0	15.0	16.3
50655	1.5	0.7	0.0	16.7	14.4
n	5	5	5	5	5
Mean	2.12	0.72	0.00	15.14	15.30
S.D.	0.70	0.27	0.00	0.88	0.84

Hematological findings
Sex : Male

Stage : Recovery Day 15
Dose : Isohexane 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	884	15.0	40.7	46.0	17.0	36.9	2.98	110.2	109.0	13.8	88.5
10102	846	15.3	44.0	52.0	18.1	34.8	2.69	99.6	70.7	18.2	47.3
10106	866	15.8	43.9	50.7	18.2	36.0	2.55	91.2	66.9	11.1	52.3
10108	844	14.6	40.8	48.3	17.3	35.8	3.54	113.7	88.1	11.3	70.9
10110	889	16.1	45.2	50.8	18.1	35.6	2.57	77.8	76.2	15.1	54.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	865.8	15.36	42.92	49.56	17.74	35.82	2.866	98.50	82.18	13.90	62.66
S.D.	20.8	0.60	2.05	2.40	0.55	0.76	0.414	14.59	17.00	2.94	16.95

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10101	4.4	2.2	0.1	20.1	19.0
10102	4.4	0.8	0.0	18.0	18.0
10106	2.3	1.1	0.1	17.1	18.9
10108	4.6	1.3	0.0	17.6	17.8
10110	5.3	1.4	0.1	18.4	17.9
n	5	5	5	5	5
Mean	4.20	1.36	0.06	18.24	18.32
S.D.	1.12	0.52	0.05	1.15	0.58

Hematological findings
Sex : Male

Stage : Recovery Day 15
Dose : Isohexane 1000 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	828	15.5	43.4	52.4	18.7	35.7	2.44	94.4	63.7	9.8	50.3
10402	943	16.3	44.2	46.9	17.3	36.9	2.90	122.3	96.7	21.1	67.6
10403	864	14.8	42.2	48.8	17.1	35.1	3.25	123.4	82.5	18.1	59.1
10407	880	15.5	42.7	48.5	17.6	36.3	2.65	94.0	89.7	18.3	64.1
10409	840	16.0	45.1	53.7	19.0	35.5	3.39	96.9	93.0	9.3	78.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	871.0	15.62	43.52	50.06	17.94	35.90	2.926	106.20	85.12	15.32	63.98
S.D.	45.1	0.57	1.16	2.86	0.86	0.71	0.398	15.24	13.07	5.40	10.53

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10401	2.2	1.3	0.1	30.1	21.6
10402	6.3	1.6	0.1	25.6	22.9
10403	3.7	1.6	0.0	22.6	21.4
10407	5.2	2.1	0.0	18.2	18.9
10409	3.8	1.1	0.0	22.2	22.3
n	5	5	5	5	5
Mean	4.24	1.54	0.04	23.74	21.42
S.D.	1.57	0.38	0.05	4.42	1.53

Hematological findings
Sex : Female (satellite)

Stage : Recovery Day 15
Dose : Isohexane 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	859	15.1	42.0	48.9	17.6	36.0	2.90	89.2	37.7	4.6	30.4
50557	864	15.8	43.3	50.1	18.3	36.5	2.86	107.5	58.7	7.7	47.5
50558	833	15.4	43.2	51.9	18.5	35.6	2.37	108.9	74.0	10.7	59.3
50559	914	16.5	45.4	49.7	18.1	36.3	2.09	109.9	60.1	6.6	51.1
50560	787	15.3	42.2	53.6	19.4	36.3	4.42	78.9	87.0	23.3	58.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	851.4	15.62	43.22	50.84	18.38	36.14	2.928	98.88	63.50	10.58	49.44
S.D.	46.4	0.55	1.35	1.89	0.66	0.35	0.901	14.04	18.46	7.44	11.79

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50556	1.9	0.8	0.0	17.4	13.8
50557	2.4	1.1	0.0	17.1	14.2
50558	1.9	2.1	0.0	16.7	13.3
50559	1.5	0.9	0.0	15.8	15.8
50560	3.9	0.9	0.0	14.6	13.3
n	5	5	5	5	5
Mean	2.32	1.16	0.00	16.32	14.08
S.D.	0.94	0.54	0.00	1.13	1.03

Hematological findings
Sex : Female (satellite)

Stage : Recovery Day 15
Dose : Isohexane 1000 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	710	14.7	40.7	57.3	20.7	36.1	2.94	5.9	41.6	3.0	37.5
50657	831	14.9	40.5	48.7	17.9	36.8	2.04	100.2	67.0	7.1	56.2
50658	839	14.4	39.8	47.4	17.2	36.2	2.57	100.1	39.9	8.7	28.9
50659	808	15.0	41.5	51.4	18.6	36.1	2.99	109.1	64.7	5.4	55.8
50660	843	15.0	41.6	49.3	17.8	36.1	3.90	101.5	61.2	16.5	40.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	806.2	14.80	40.82	50.82	18.44	36.26	2.888	83.36	54.88	8.14	43.72
S.D.	55.5	0.25	0.75	3.90	1.36	0.30	0.681	43.46	13.08	5.13	11.96

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50656	0.9	0.2	0.0	17.1	14.2
50657	2.7	1.0	0.0	17.0	14.9
50658	1.4	0.9	0.0	15.3	12.6
50659	2.4	1.1	0.0	16.1	15.6
50660	3.1	1.4	0.0	15.9	15.4
n	5	5	5	5	5
Mean	2.10	0.92	0.00	16.28	14.54
S.D.	0.92	0.44	0.00	0.76	1.21

Biochemical findings Stage : Day 29
Sex : Male Dose : Isohexane 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
10103	58	29	495	0.6	0.06	6.6	163	69	17	5.2	13.6
10104	67	34	413	0.7	0.05	9.4	153	60	45	5.7	13.9
10105	65	23	336	0.3	0.05	7.5	144	54	17	5.4	11.8
10107	87	38	308	0.4	0.06	14.0	147	62	27	5.4	11.9
10109	66	36	335	0.6	0.04	11.1	153	111	112	6.0	11.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	68.6	32.0	377.4	0.52	0.052	9.72	152.0	71.2	43.6	5.54	12.52
S.D.	10.9	6.0	76.5	0.16	0.008	2.96	7.3	22.9	39.9	0.31	1.14

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 %
10103	0.33	144	4.66	105	9.2	5.7	0.96	2.54	48.9	22.6	8.5
10104	0.28	145	4.65	104	9.6	5.8	0.86	2.63	46.1	25.3	7.8
10105	0.26	146	4.57	106	9.0	6.0	0.92	2.58	47.8	20.1	9.0
10107	0.27	144	4.68	104	9.4	6.6	0.87	2.52	46.6	22.4	9.6
10109	0.25	144	4.58	103	10.1	6.5	0.88	2.81	46.9	24.1	9.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.278	144.6	4.628	104.4	9.46	6.12	0.898	2.616	47.26	22.90	8.88
S.D.	0.031	0.9	0.050	1.1	0.42	0.41	0.041	0.116	1.11	1.96	0.75

Animal No.	β-G %	γ-G %
10103	15.3	4.7
10104	16.4	4.4
10105	17.5	5.6
10107	16.6	4.8
10109	16.7	2.8
n	5	5
Mean	16.50	4.46
S.D.	0.79	1.03

Biochemical findings Stage : Day 29
Sex : Male Dose : Isohexane 100 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
10203	55	23	360	0.6	0.06	5.7	173	60	44	5.8	10.1
10204	91	37	424	0.6	0.05	26.4	151	63	30	5.0	16.5
10206	85	32	287	0.5	0.07	57.6	133	70	56	5.5	13.8
10207	70	29	489	0.7	0.05	7.5	149	62	36	5.4	13.1
10209	84	36	488	0.6	0.06	36.7	129	39	22	5.2	12.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	77.0	31.4	409.6	0.60	0.058	26.78	147.0	58.8	37.6	5.38	13.26
S.D.	14.5	5.7	86.8	0.07	0.008	21.59	17.4	11.7	13.1	0.30	2.29

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 %
10203	0.30	144	4.45	103	9.3	6.2	0.85	2.66	45.8	25.2	8.3
10204	0.40	144	4.54	104	9.0	6.4	0.92	2.39	47.8	18.6	10.5
10206	0.34	145	4.82	104	9.6	7.0	0.86	2.54	46.1	22.4	8.7
10207	0.26	144	4.51	104	9.4	6.4	0.89	2.54	47.1	23.0	9.2
10209	0.28	144	4.71	103	9.5	6.6	0.84	2.38	45.7	23.0	9.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.316	144.2	4.606	103.6	9.36	6.52	0.872	2.502	46.50	22.44	9.24
S.D.	0.055	0.4	0.154	0.5	0.23	0.30	0.033	0.118	0.91	2.40	0.84

Animal No.	β-G %	γ-G %
10203	15.8	4.9
10204	18.9	4.2
10206	16.9	5.9
10207	16.1	4.6
10209	16.7	5.1
n	5	5
Mean	16.88	4.94
S.D.	1.21	0.63

Biochemical findings Stage : Day 29
Sex : Male Dose : Isohexane 300 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
10302	59	31	357	0.5	0.07	7.5	169	78	40	5.7	12.5
10303	79	33	544	0.6	0.05	8.9	141	51	11	5.4	13.7
10304	66	27	530	0.5	0.06	15.6	129	58	27	5.0	15.0
10305	71	30	347	0.5	0.05	6.0	138	58	27	5.6	12.9
10306	88	30	481	0.8	0.07	43.4	141	77	21	5.5	16.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	72.6	30.2	451.8	0.58	0.060	16.28	143.6	64.4	25.2	5.44	14.14
S.D.	11.3	2.2	94.1	0.13	0.010	15.60	15.0	12.3	10.5	0.27	1.67

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 %
10302	0.31	144	4.73	103	9.6	5.6	0.83	2.58	45.3	25.5	7.8
10303	0.30	145	4.50	105	8.7	5.8	0.96	2.65	49.0	23.3	8.0
10304	0.31	145	4.80	105	9.4	6.3	1.02	2.53	50.6	18.7	10.0
10305	0.27	145	4.55	105	9.5	5.7	0.90	2.66	47.5	22.0	9.7
10306	0.32	144	4.46	103	9.4	6.6	0.73	2.32	42.2	23.6	8.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.302	144.6	4.608	104.2	9.32	6.00	0.888	2.548	46.92	22.62	8.86
S.D.	0.019	0.5	0.149	1.1	0.36	0.43	0.113	0.138	3.28	2.52	0.98

Animal No.	β-G %	γ-G %
10302	17.5	3.9
10303	14.8	4.9
10304	15.1	5.6
10305	16.1	4.7
10306	18.2	7.2
n	5	5
Mean	16.34	5.26
S.D.	1.48	1.24

Biochemical findings Stage : Day 29
Sex : Male Dose : Isohexane 1000 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
10404	82	32	368	0.4	0.07	14.9	146	66	13	5.1	14.3
10405	123	36	406	1.0	0.04	14.9	128	65	13	5.6	13.5
10406	73	27	370	0.6	0.06	11.8	156	75	51	5.6	15.9
10408	73	32	475	0.6	0.05	23.4	135	64	8	5.8	13.6
10410	64	25	362	0.7	0.05	17.5	143	88	44	5.5	13.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	83.0	30.4	396.2	0.66	0.054	16.50	141.6	71.6	25.8	5.52	14.24
S.D.	23.2	4.4	47.3	0.22	0.011	4.35	10.7	10.2	20.1	0.26	0.98

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 %
10404	0.32	144	4.96	103	8.9	6.8	0.87	2.37	46.5	23.0	10.0
10405	0.36	145	4.59	101	9.2	6.1	0.78	2.45	43.7	21.5	10.6
10406	0.36	144	4.54	102	9.3	5.7	0.82	2.53	45.2	22.3	9.2
10408	0.29	145	5.11	103	9.2	6.5	0.84	2.64	45.6	22.9	10.5
10410	0.28	145	4.76	103	9.5	6.3	0.83	2.50	45.4	26.0	8.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.322	144.6	4.792	102.4	9.22	6.28	0.828	2.498	45.28	23.14	9.70
S.D.	0.038	0.5	0.242	0.9	0.22	0.41	0.033	0.100	1.01	1.71	1.00

Animal No.	β-G %	γ-G %
10404	17.7	2.8
10405	18.8	5.4
10406	17.9	5.4
10408	16.8	4.2
10410	17.9	2.5
n	5	5
Mean	17.82	4.06
S.D.	0.71	1.38

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 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
50151	88	74	426	1.3	0.06	57.6	173	83	73	5.7	26.1
50154	93	47	391	0.8	0.04	11.9	160	100	48	5.8	22.0
50160	94	50	325	1.1	0.04	11.4	169	88	114	5.8	15.0
50161	162	95	339	0.6	0.06	90.0	166	96	123	6.0	29.8
50162	90	51	284	0.5	0.04	23.6	167	68	93	5.4	20.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	105.4	63.4	353.0	0.86	0.048	38.90	167.0	87.0	90.2	5.74	22.68
S.D.	31.7	20.7	55.9	0.34	0.011	34.21	4.7	12.5	30.5	0.22	5.63

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 %
50151	0.41	141	4.46	98	10.1	9.4	0.93	2.74	48.1	21.7	8.5
50154	0.35	141	4.29	99	10.0	9.9	1.06	2.99	51.5	18.9	8.9
50160	0.34	140	4.58	103	9.9	7.3	0.94	2.81	48.4	23.1	9.2
50161	0.42	141	4.15	100	10.8	8.2	0.88	2.81	46.9	20.9	10.6
50162	0.34	142	4.56	102	9.5	7.5	0.96	2.64	48.9	20.5	9.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.372	141.0	4.408	100.4	10.06	8.46	0.954	2.798	48.76	21.02	9.42
S.D.	0.040	0.7	0.184	2.1	0.47	1.15	0.066	0.128	1.70	1.55	0.83

Animal No.	β-G %	γ-G %
50151	18.4	3.3
50154	16.4	4.3
50160	16.2	3.1
50161	17.2	4.4
50162	18.0	2.7
n	5	5
Mean	17.24	3.56
S.D.	0.96	0.75

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 100 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
50251	137	73	299	0.9	0.04	52.8	131	122	58	6.3	32.6
50256	83	60	565	0.7	0.04	21.3	157	99	92	5.6	18.1
50258	92	53	587	0.6	0.06	40.7	155	82	58	5.6	20.9
50260	74	52	370	0.6	0.04	23.7	167	92	52	6.3	23.7
50262	92	65	413	0.7	0.03	23.3	162	96	54	5.9	21.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	95.6	60.6	446.8	0.70	0.042	32.36	154.4	98.2	62.8	5.94	23.30
S.D.	24.3	8.7	125.0	0.12	0.011	13.85	13.9	14.8	16.5	0.35	5.56

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 %
50251	0.49	138	5.00	99	10.2	9.9	0.88	2.95	46.9	25.8	8.4
50256	0.38	144	4.20	103	9.9	8.5	0.90	2.65	47.3	21.2	8.0
50258	0.37	141	4.53	104	9.6	6.8	0.90	2.66	47.5	21.6	10.2
50260	0.46	142	4.26	100	10.1	8.3	0.94	3.06	48.5	20.7	9.4
50262	0.40	142	4.21	102	9.9	8.6	0.90	2.79	47.3	22.0	9.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.420	141.4	4.440	101.6	9.94	8.42	0.904	2.822	47.50	22.26	9.12
S.D.	0.052	2.2	0.341	2.1	0.23	1.10	0.022	0.180	0.60	2.04	0.90

Animal No.	β-G %	γ-G %
50251	16.3	2.6
50256	18.5	5.0
50258	17.1	3.6
50260	17.2	4.2
50262	17.2	3.9
n	5	5
Mean	17.26	3.86
S.D.	0.79	0.88

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 300 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	153	84	266	0.7	0.06	37.1	147	82	52	6.2	21.7
50352	96	67	587	1.4	0.05	18.0	143	106	73	5.5	37.5
50353	135	71	342	0.7	0.04	22.9	163	116	145	6.2	25.5
50355	111	60	435	0.9	0.06	49.4	151	88	47	5.3	38.2
50357	140	64	317	1.1	0.04	23.2	141	126	93	6.0	32.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	127.0	69.2	389.4	0.96	0.050	30.12	149.0	103.6	82.0	5.84	31.16
S.D.	23.1	9.2	126.3	0.30	0.010	12.92	8.7	18.5	39.7	0.42	7.32

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	0.36	141	4.41	102	10.2	6.5	0.96	3.04	49.1	22.7	9.3
50352	0.49	140	4.68	100	9.8	10.3	0.96	2.69	48.9	20.1	10.0
50353	0.39	139	4.95	101	10.1	8.2	0.90	2.93	47.3	22.4	9.8
50355	0.49	143	4.62	101	9.9	11.1	0.93	2.55	48.2	19.3	11.6
50357	0.43	138	4.66	98	10.0	9.1	0.91	2.86	47.7	18.3	12.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.432	140.2	4.664	100.4	10.00	9.04	0.932	2.814	48.24	20.56	10.62
S.D.	0.058	1.9	0.193	1.5	0.16	1.80	0.028	0.195	0.77	1.93	1.32

Animal No.	β-G %	γ-G %
50351	16.1	2.8
50352	17.1	3.9
50353	17.1	3.4
50355	18.1	2.8
50357	18.2	3.4
n	5	5
Mean	17.32	3.26
S.D.	0.86	0.47

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 1000 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	105	53	267	0.8	0.04	14.7	140	94	49	5.8	16.3
50454	111	52	405	0.8	0.07	76.6	157	93	48	5.8	24.8
50456	88	67	334	0.7	0.06	59.0	177	94	59	5.6	24.2
50458	252	132	370	0.9	0.06	54.2	120	120	74	5.8	37.6
50461	100	63	530	1.3	0.06	49.5	144	117	82	5.7	31.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	131.2	73.4	381.2	0.90	0.058	50.80	147.6	103.6	62.4	5.74	26.94
S.D.	68.1	33.4	97.6	0.23	0.011	22.63	21.1	13.6	15.1	0.09	8.10

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	0.37	142	5.05	102	9.6	7.3	0.96	2.84	49.0	21.0	8.3
50454	0.42	141	4.39	100	9.8	9.1	0.96	2.85	49.1	23.3	8.8
50456	0.36	143	4.24	101	10.0	9.0	0.95	2.73	48.7	19.2	10.5
50458	0.49	141	4.25	100	10.4	9.4	0.85	2.66	45.8	20.6	12.6
50461	0.47	141	4.52	101	10.1	9.2	0.87	2.66	46.6	22.2	10.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.422	141.6	4.490	100.8	9.98	8.80	0.918	2.748	47.84	21.26	10.04
S.D.	0.058	0.9	0.333	0.8	0.30	0.85	0.054	0.093	1.53	1.56	1.68

Animal No.	β-G %	γ-G %
50451	18.6	3.1
50454	15.9	2.9
50456	18.1	3.5
50458	16.5	4.5
50461	18.0	3.2
n	5	5
Mean	17.42	3.44
S.D.	1.16	0.63

Biochemical findings
Sex : Female (satellite)

Stage : Day 29
Dose : Isohexane 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	63	25	244	0.7	0.07	43.1	153	56	8	5.6	18.9
50552	100	50	203	1.6	0.06	19.4	154	72	20	5.9	15.9
50553	59	19	315	0.6	0.08	33.1	142	59	10	6.0	18.9
50554	54	23	230	1.0	0.07	8.8	158	68	9	5.7	15.2
50555	67	26	259	0.7	0.07	12.4	151	64	10	6.1	17.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	68.6	28.6	250.2	0.92	0.070	23.36	151.6	63.8	11.4	5.86	17.32
S.D.	18.2	12.3	41.7	0.41	0.007	14.43	5.9	6.5	4.9	0.21	1.71

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	0.34	143	4.65	104	9.1	6.0	1.07	2.90	51.7	20.6	7.6
50552	0.31	144	4.22	107	9.4	4.8	1.01	2.97	50.3	18.6	7.0
50553	0.36	143	4.18	103	9.6	5.9	1.10	3.14	52.3	20.1	6.7
50554	0.34	144	4.23	107	9.0	5.2	1.08	2.96	51.9	18.5	6.9
50555	0.35	144	4.21	104	9.3	5.7	1.07	3.15	51.6	19.8	7.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.340	143.6	4.298	105.0	9.28	5.52	1.066	3.024	51.56	19.52	7.12
S.D.	0.019	0.5	0.198	1.9	0.24	0.51	0.034	0.114	0.75	0.93	0.37

Animal No.	β-G %	γ-G %
50551	15.7	4.4
50552	16.8	7.3
50553	15.2	5.7
50554	14.7	8.0
50555	16.7	4.5
n	5	5
Mean	15.82	5.98
S.D.	0.92	1.63

Biochemical findings
Sex : Female (satellite)
Stage : Day 29
Dose : Isohexane 1000 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	85	55	165	0.3	0.06	14.0	123	73	10	6.4	20.3
50652	47	25	143	0.6	0.08	11.1	145	89	39	7.1	15.1
50653	125	51	164	0.6	0.08	25.5	150	90	12	6.7	17.2
50654	90	63	138	1.0	0.06	17.2	144	76	14	6.0	16.5
50655	54	22	226	0.9	0.06	6.9	124	62	15	5.6	16.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	80.2	43.2	167.2	0.68	0.068	14.94	137.2	78.0	18.0	6.36	17.08
S.D.	31.3	18.5	35.0	0.28	0.011	7.02	12.7	11.7	11.9	0.59	1.95

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	0.36	143	4.52	104	9.8	5.9	1.14	3.40	53.2	20.7	7.2
50652	0.31	143	4.31	102	10.4	4.3	1.24	3.93	55.4	21.0	6.5
50653	0.31	144	4.41	104	10.1	5.9	1.24	3.71	55.4	17.6	7.3
50654	0.32	143	4.38	105	9.5	5.7	1.00	2.99	49.9	19.1	9.3
50655	0.33	145	4.95	107	9.4	7.3	1.16	3.00	53.6	18.5	8.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.326	143.6	4.514	104.4	9.84	5.82	1.156	3.406	53.50	19.38	7.66
S.D.	0.021	0.9	0.255	1.8	0.42	1.06	0.098	0.420	2.25	1.45	1.06

Animal No.	β-G %	γ-G %
50651	13.0	5.9
50652	12.4	4.7
50653	14.5	5.2
50654	16.8	4.9
50655	15.4	4.5
n	5	5
Mean	14.42	5.04
S.D.	1.78	0.55

Biochemical findings
Sex : Male

Stage : Recovery Day 15
Dose : Isohexane 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	93	34	371	0.8	0.06	15.8	169	58	22	5.6	15.2
10102	63	29	513	0.7	0.06	13.7	161	69	35	5.3	15.1
10106	58	29	360	0.8	0.05	9.4	154	47	31	5.2	16.4
10108	75	26	347	0.7	0.05	4.3	153	60	37	5.2	15.0
10110	57	24	427	0.6	0.07	16.0	133	79	11	5.3	20.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	69.2	28.4	403.6	0.72	0.058	11.84	154.0	62.6	27.2	5.32	16.42
S.D.	15.1	3.8	68.3	0.08	0.008	4.98	13.4	12.1	10.7	0.16	2.30

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	0.30	143	4.41	105	9.2	5.8	0.76	2.41	43.1	26.9	8.2
10102	0.34	142	4.75	103	9.0	5.7	0.96	2.60	49.0	23.4	8.0
10106	0.30	143	4.49	104	8.8	5.7	0.87	2.41	46.4	25.0	8.6
10108	0.29	145	4.67	107	8.9	6.0	0.80	2.31	44.4	23.5	8.2
10110	0.31	145	4.32	105	9.1	6.0	0.80	2.36	44.5	27.7	9.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.308	143.6	4.528	104.8	9.00	5.84	0.838	2.418	45.48	25.30	8.46
S.D.	0.019	1.3	0.179	1.5	0.16	0.15	0.079	0.110	2.29	1.95	0.52

Animal No.	β-G %	γ-G %
10101	16.6	5.2
10102	15.1	4.5
10106	15.6	4.4
10108	18.9	5.0
10110	16.1	2.4
n	5	5
Mean	16.46	4.30
S.D.	1.47	1.11

Biochemical findings
Sex : Male

Stage : Recovery Day 15
Dose : Isohexane 1000 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	64	26	397	0.5	0.06	3.8	136	41	8	5.3	14.8
10402	71	24	372	0.7	0.05	6.7	164	129	63	5.9	15.0
10403	57	28	356	0.7	0.04	4.8	156	74	26	5.4	18.2
10407	57	32	260	0.6	0.05	6.4	194	77	40	5.5	17.8
10409	62	32	239	0.9	0.04	7.6	149	67	24	5.7	16.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	62.2	28.4	324.8	0.68	0.048	5.86	159.8	77.6	32.2	5.56	16.52
S.D.	5.8	3.6	70.7	0.15	0.008	1.53	21.7	32.0	20.6	0.24	1.57

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	0.36	145	4.30	108	8.5	5.2	0.89	2.50	47.1	21.5	8.5
10402	0.31	144	4.62	103	9.3	5.9	0.80	2.63	44.5	24.5	8.4
10403	0.33	143	4.31	104	8.9	6.0	0.76	2.33	43.1	27.6	7.2
10407	0.31	143	4.90	104	9.3	5.5	0.77	2.39	43.4	28.5	8.4
10409	0.34	143	4.36	104	9.3	5.4	0.81	2.55	44.8	26.4	9.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.330	143.6	4.498	104.6	9.06	5.60	0.806	2.480	44.58	25.70	8.32
S.D.	0.021	0.9	0.260	1.9	0.36	0.34	0.051	0.121	1.58	2.78	0.69

Animal No.	β-G %	γ-G %
10401	16.6	6.3
10402	16.8	5.8
10403	16.5	5.6
10407	16.9	2.8
10409	15.0	4.7
n	5	5
Mean	16.36	5.04
S.D.	0.78	1.38

Biochemical findings
Sex : Female (satellite)

Stage : Recovery Day 15
Dose : Isohexane 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	50	28	140	0.8	0.06	13.8	119	72	17	5.8	21.9
50557	54	21	138	0.7	0.10	26.5	138	75	23	6.1	14.9
50558	62	25	311	1.4	0.06	9.0	115	53	6	5.6	19.1
50559	70	50	126	1.1	0.06	6.9	149	74	14	6.4	18.9
50560	60	26	154	1.2	0.08	20.2	148	84	9	6.2	16.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	59.2	30.0	173.8	1.04	0.072	15.28	133.8	71.6	13.8	6.02	18.34
S.D.	7.7	11.5	77.3	0.29	0.018	8.09	16.0	11.4	6.7	0.32	2.62

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	0.39	141	4.77	106	9.5	4.2	1.15	3.10	53.5	19.6	6.8
50557	0.32	141	4.31	105	9.7	4.6	1.12	3.23	52.9	19.7	7.8
50558	0.35	144	4.38	108	9.2	6.0	1.03	2.84	50.8	18.2	8.2
50559	0.33	143	4.19	105	10.0	4.9	1.06	3.29	51.4	20.4	7.7
50560	0.32	144	3.76	104	9.6	6.3	0.93	2.98	48.1	19.8	7.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.342	142.6	4.282	105.6	9.60	5.20	1.058	3.088	51.34	19.54	7.54
S.D.	0.029	1.5	0.364	1.5	0.29	0.91	0.086	0.183	2.11	0.81	0.55

Animal No.	β-G %	γ-G %
50556	15.3	4.8
50557	14.1	5.5
50558	16.3	6.5
50559	15.3	5.2
50560	16.9	8.0
n	5	5
Mean	15.58	6.00
S.D.	1.07	1.28

Biochemical findings
Sex : Female (satellite)

Stage : Recovery Day 15
Dose : Isohexane 1000 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	55	21	135	0.8	0.07	4.0	122	48	7	5.4	19.8
50657	59	26	165	0.8	0.10	10.7	172	69	38	6.1	21.9
50658	56	20	162	1.2	0.05	9.9	147	72	12	5.8	17.5
50659	57	26	95	1.1	0.06	5.7	136	82	24	6.3	16.4
50660	74	32	119	1.1	0.07	32.5	153	72	9	6.4	18.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	60.2	25.0	135.2	1.00	0.070	12.56	146.0	68.6	18.0	6.00	18.88
S.D.	7.9	4.8	29.5	0.19	0.019	11.49	18.7	12.5	13.0	0.41	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 %
50656	0.39	142	3.59	107	9.0	4.7	0.94	2.61	48.4	23.1	6.9
50657	0.34	142	4.47	107	9.3	5.0	1.11	3.20	52.5	19.0	6.4
50658	0.37	141	4.40	106	8.9	5.0	1.02	2.93	50.6	16.8	8.2
50659	0.35	141	4.07	106	9.4	5.2	1.22	3.46	54.9	15.5	8.5
50660	0.32	143	4.30	105	9.4	5.8	0.93	3.09	48.3	19.2	7.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.354	141.8	4.166	106.2	9.20	5.14	1.044	3.058	50.94	18.72	7.48
S.D.	0.027	0.8	0.356	0.8	0.23	0.41	0.122	0.316	2.81	2.90	0.88

Animal No.	β-G %	γ-G %
50656	14.5	7.1
50657	16.3	5.8
50658	18.1	6.3
50659	15.6	5.5
50660	16.8	8.3
n	5	5
Mean	16.26	6.60
S.D.	1.34	1.13

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Isohexane 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10103	41.2
10104	52.2
10105	47.5
10107	40.4
10109	46.6
10111	44.2
10112	41.4
n	7
Mean	44.79
S.D.	4.27

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Isohexane 100 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10201	46.5
10202	45.8
10203	53.9
10204	47.2
10205	39.7
10206	48.9
10207	52.1
10208	47.5
10209	36.8
10210	45.8
10211	57.2
10212	41.0
n	12
Mean	46.87
S.D.	5.86

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Isohexane 300 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10301	44.8
10302	45.4
10303	42.5
10304	38.4
10305	45.0
10306	38.7
10307	39.1
10308	42.2
10309	51.4
10310	51.4
10311	45.3
10312	43.0
n	12
Mean	43.93
S.D.	4.31

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : Isohexane 1000 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10404	45.8
10405	33.0
10406	51.5
10408	44.5
10410	53.6
10411	42.3
10412	51.9
n	7
Mean	46.09
S.D.	7.16

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10103
Finding absent :	Kidney, Other organs & tissues	
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10104
Finding absent :	Kidney, Other organs & tissues	
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10105
Finding absent :	Kidney, Other organs & tissues	
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10107
Finding absent :	Kidney, Other organs & tissues	
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10109
Finding absent :	Kidney, Other organs & tissues	
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10111
Finding absent :	Kidney, Other organs & tissues	
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10112
Finding absent :	Kidney, Other organs & tissues	

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10201
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10202 Infertility
Kidney
Findings : Finding present
Dilatation, renal pelvis, unilateral
Non-graded change
Finding Comment : unilateral : right

Finding absent : Other organs & tissues

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10203
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10204
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10205
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10206
Finding absent : Kidney, Other organs & tissues

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane	Dose : 100 mg/kg	Animal No. : 10207
Finding absent :	Kidney, Other organs & tissues	

Test article : Isohexane	Dose : 100 mg/kg	Animal No. : 10208
Finding absent :	Kidney, Other organs & tissues	

Test article : Isohexane	Dose : 100 mg/kg	Animal No. : 10209
Finding absent :	Kidney, Other organs & tissues	

Test article : Isohexane	Dose : 100 mg/kg	Animal No. : 10210
Finding absent :	Kidney, Other organs & tissues	

Test article : Isohexane	Dose : 100 mg/kg	Animal No. : 10211
Finding absent :	Kidney, Other organs & tissues	

Test article : Isohexane	Dose : 100 mg/kg	Animal No. : 10212
Finding absent :	Kidney, Other organs & tissues	

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10301	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10302	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10303	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10304	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10305	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10306	Unsuccessful mating
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10307	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10308	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10309	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10310	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10311	
Finding absent :	Kidney, Other organs & tissues		
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 10312	Infertility
Finding absent :	Kidney, Other organs & tissues		

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10404
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10405 Unsuccessful mating
Kidney
Findings : Finding present
Large size, bilateral
Non-graded change

Finding absent : Other organs & tissues

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10406
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10408
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10410
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10411
Finding absent : Kidney, Other organs & tissues

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10412 Unsuccessful mating
Kidney
Findings : Finding present
Large size, bilateral
Non-graded change

Finding absent : Other organs & tissues

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

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50151	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50152	Non-pregnancy
Finding absent :	All organs & tissues		
Estrous cycle : Proestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50153	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50154	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50155	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50156	Total litter loss
Finding absent :	All organs & tissues		
Estrous cycle : Estrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50157	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50158	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50159	Non-delivery
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50160	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50161	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50162	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			

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

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50251
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50252 Non-pregnancy
Finding absent : All organs & tissues
Estrous cycle : Estrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50253
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50254
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50255
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50256
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50257
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50258
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50259
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50260
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50261
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 100 mg/kg Animal No. : 50262
Finding absent : All organs & tissues
Estrous cycle : Diestrus

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

Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50351	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50352	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50353	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50354	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50355	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50356	Unsuccessful mating
Finding absent :	All organs & tissues		
Estrous cycle : Estrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50357	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50358	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50359	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50360	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50361	
Finding absent :	All organs & tissues		
Estrous cycle : Diestrus			
Test article : Isohexane	Dose : 300 mg/kg	Animal No. : 50362	Non-pregnancy
Finding absent :	All organs & tissues		
Estrous cycle : Estrus			

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50451
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50452
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50453
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50454
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50455 Unsuccessful mating
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50456
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50457
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50458
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50459
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50460
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50461
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50462 Unsuccessful mating
Finding absent : All organs & tissues
Estrous cycle : Metestrus

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

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50551
Finding absent :	All organs & tissues	
Estrous cycle : Diestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50552
Finding absent :	All organs & tissues	
Estrous cycle : Proestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50553
Finding absent :	All organs & tissues	
Estrous cycle : Metestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50554
Finding absent :	All organs & tissues[*]	
Estrous cycle : Estrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50555
Finding absent :	All organs & tissues	
Estrous cycle : Diestrus		

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50651
Finding absent : All organs & tissues
Estrous cycle : Metestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50652
Finding absent : All organs & tissues
Estrous cycle : Estrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50653
Finding absent : All organs & tissues
Estrous cycle : Metestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50654
Finding absent : All organs & tissues
Estrous cycle : Metestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50655
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Necropsy findings
Sex : Male Stage : Recovery Day 15 Species : Rat

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10101	
Finding absent :	All organs & tissues		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10102	Infertility
Finding absent :	All organs & tissues		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10106	
Finding absent :	All organs & tissues		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10108	
Finding absent :	All organs & tissues		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10110	
Finding absent :	All organs & tissues		

Necropsy findings
Sex : Male Stage : Recovery Day 15 Species : Rat

Test article : Isohexane	Dose : 1000 mg/kg	Animal No. : 10401
Finding absent :	All organs & tissues	

Test article : Isohexane	Dose : 1000 mg/kg	Animal No. : 10402
Finding absent :	All organs & tissues	

Test article : Isohexane	Dose : 1000 mg/kg	Animal No. : 10403
Finding absent :	All organs & tissues	

Test article : Isohexane	Dose : 1000 mg/kg	Animal No. : 10407
Finding absent :	All organs & tissues	

Test article : Isohexane	Dose : 1000 mg/kg	Animal No. : 10409
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Female (satellite) Stage : Recovery Day 15 Species : Rat

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50556
Finding absent :	All organs & tissues	
Estrous cycle : Diestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50557
Finding absent :	All organs & tissues	
Estrous cycle : Diestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50558
Finding absent :	All organs & tissues	
Estrous cycle : Metestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50559
Finding absent :	All organs & tissues	
Estrous cycle : Metestrus		

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 50560
Finding absent :	All organs & tissues	
Estrous cycle : Estrus		

Necropsy findings
Sex : Female (satellite) Stage : Recovery Day 15 Species : Rat

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50656
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50657
Finding absent : All organs & tissues
Estrous cycle : Metestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50658
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50659
Finding absent : All organs & tissues
Estrous cycle : Estrus

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50660
Finding absent : All organs & tissues
Estrous cycle : Proestrus

Organ weight
Sex : Male
Stage : Day 29
Dose : Isohexane 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
10103	458	11.67	2.55	2.77	0.60	1.35	0.29	699	152.62
10104	552	16.36	2.96	3.20	0.58	1.65	0.30	893	161.78
10105	494	13.17	2.67	3.21	0.65	1.67	0.34	778	157.49
10107	486	13.03	2.68	3.27	0.67	1.46	0.30	703	144.65
10109	614	20.44	3.33	3.78	0.62	1.77	0.29	887	144.46
10111	490	15.10	3.08	3.54	0.72	1.51	0.31	589	120.20
10112	537	13.94	2.60	3.50	0.65	1.48	0.28	711	132.40
n	7	7	7	7	7	7	7	7	7
Mean	518.7	14.816	2.839	3.324	0.641	1.556	0.301	751.4	144.800
S.D.	52.8	2.906	0.291	0.322	0.047	0.146	0.020	109.7	14.546

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
10103	443	96.72	54	11.79	10.6	2.31	19.5	4.26	3.20	0.70
10104	411	74.46	67	12.14	13.4	2.43	21.5	3.89	3.51	0.64
10105	376	76.11	54	10.93	11.2	2.27	24.5	4.96	3.41	0.69
10107	377	77.57	46	9.47	11.9	2.45	21.6	4.44	2.65	0.55
10109	453	73.78	70	11.40	11.5	1.87	24.7	4.02	3.49	0.57
10111	428	87.35	79	16.12	11.1	2.27	28.3	5.78	3.33	0.68
10112	324	60.34	60	11.17	14.9	2.77	27.4	5.10	3.18	0.59
n	7	7	7	7	7	7	7	7	7	7
Mean	401.7	78.047	61.4	11.860	12.09	2.339	23.93	4.636	3.253	0.631
S.D.	45.5	11.430	11.3	2.061	1.53	0.270	3.24	0.676	0.296	0.061

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
10103	1.30	0.28	800	174.67	2.43	0.53	2.26	0.49
10104	1.43	0.26	759	137.50	2.18	0.39	2.24	0.41
10105	1.37	0.28	709	143.52	2.21	0.45	2.35	0.48
10107	1.10	0.23	513	105.56	1.09	0.22	2.35	0.48
10109	1.37	0.22	778	126.71	2.50	0.41	2.21	0.36
10111	1.35	0.28	696	142.04	2.74	0.56	2.24	0.46
10112	1.20	0.22	789	146.93	2.47	0.46	2.25	0.42
n	7	7	7	7	7	7	7	7
Mean	1.303	0.253	720.6	139.561	2.231	0.431	2.271	0.443
S.D.	0.115	0.029	99.7	20.953	0.537	0.111	0.056	0.048

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Isohexane 100 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
10201	520	13.42	2.58	3.87	0.74	1.56	0.30	691	132.88
10202	539	14.92	2.77	4.03	0.75	1.83	0.34	702	130.24
10203	548	15.64	2.85	4.04	0.74	1.54	0.28	856	156.20
10204	483	11.88	2.46	2.70	0.56	1.40	0.29	659	136.44
10205	489	13.44	2.75	3.15	0.64	1.38	0.28	596	121.88
10206	490	14.09	2.88	3.21	0.66	1.44	0.29	731	149.18
10207	542	15.06	2.78	4.29	0.79	1.71	0.32	719	132.66
10208	503	15.06	2.99	4.17	0.83	1.63	0.32	678	134.79
10209	512	14.47	2.83	3.44	0.67	1.59	0.31	938	183.20
10210	499	15.03	3.01	3.99	0.80	1.54	0.31	816	163.53
10211	497	13.15	2.65	3.27	0.66	1.44	0.29	597	120.12
10212	506	15.72	3.11	4.11	0.81	1.68	0.33	799	157.91
n	12	12	12	12	12	12	12	12	12
Mean	510.7	14.323	2.805	3.689	0.721	1.562	0.305	731.8	143.253
S.D.	22.0	1.154	0.185	0.511	0.083	0.136	0.020	103.2	18.886

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
10201	437	84.04	73	14.04	11.5	2.21	27.4	5.27	3.80	0.73
10202	416	77.18	89	16.51	13.8	2.56	27.3	5.06	2.82	0.52
10203	360	65.69	74	13.50	13.9	2.54	22.0	4.01	3.42	0.62
10204	209	43.27	72	14.91	12.7	2.63	16.4	3.40	3.06	0.63
10205	188	38.45	64	13.09	11.0	2.25	19.4	3.97	2.82	0.58
10206	398	81.22	49	10.00	13.7	2.80	20.0	4.08	3.34	0.68
10207	301	55.54	72	13.28	13.6	2.51	29.5	5.44	3.73	0.69
10208	204	40.56	71	14.12	12.3	2.45	16.1	3.20	3.35	0.67
10209	200	39.06	83	16.21	12.2	2.38	26.9	5.25	3.56	0.70
10210	379	75.95	74	14.83	12.5	2.51	29.7	5.95	3.42	0.69
10211	419	84.31	76	15.29	11.5	2.31	26.5	5.33	3.20	0.64
10212	228	45.06	73	14.43	15.8	3.12	26.5	5.24	3.93	0.78
n	12	12	12	12	12	12	12	12	12	12
Mean	311.6	60.861	72.5	14.184	12.88	2.523	23.98	4.683	3.371	0.661
S.D.	99.7	19.060	9.7	1.699	1.35	0.250	4.93	0.899	0.357	0.069

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Isohexane 100 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	1.53	0.29	550	105.77	2.31	0.44	2.21	0.43
10202	1.26	0.23	692	128.39	2.52	0.47	2.27	0.42
10203	1.43	0.26	862	157.30	2.75	0.50	2.24	0.41
10204	1.14	0.24	553	114.49	2.07	0.43	2.13	0.44
10205	1.27	0.26	647	132.31	2.17	0.44	2.14	0.44
10206	1.37	0.28	706	144.08	2.39	0.49	2.30	0.47
10207	1.44	0.27	412	76.01	2.47	0.46	2.43	0.45
10208	1.67	0.33	398	79.13	2.50	0.50	2.17	0.43
10209	1.38	0.27	576	112.50	2.32	0.45	2.22	0.43
10210	1.48	0.30	830	166.33	2.56	0.51	2.34	0.47
10211	1.36	0.27	559	112.47	2.16	0.43	2.19	0.44
10212	1.48	0.29	737	145.65	2.38	0.47	2.28	0.45
n	12	12	12	12	12	12	12	12
Mean	1.401	0.274	626.8	122.869	2.383	0.466	2.243	0.440
S.D.	0.139	0.027	146.7	28.364	0.193	0.029	0.087	0.018

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Isohexane 300 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	490	12.98	2.65	3.65	0.74	1.59	0.32	587	119.80
10302	588	17.23	2.93	3.81	0.65	1.54	0.26	819	139.29
10303	467	11.97	2.56	3.34	0.72	1.39	0.30	724	155.03
10304	468	11.91	2.54	3.77	0.81	1.40	0.30	757	161.75
10305	488	13.57	2.78	3.77	0.77	1.40	0.29	719	147.34
10306	490	13.53	2.76	3.22	0.66	1.34	0.27	963	196.53
10307	483	10.84	2.24	3.10	0.64	1.28	0.27	722	149.48
10308	513	14.65	2.86	3.78	0.74	1.43	0.28	719	140.16
10309	518	13.32	2.57	3.90	0.75	1.56	0.30	621	119.88
10310	482	14.79	3.07	3.27	0.68	1.36	0.28	716	148.55
10311	560	15.54	2.78	3.84	0.69	1.42	0.25	845	150.89
10312	481	12.27	2.55	3.01	0.63	1.44	0.30	639	132.85
n	12	12	12	12	12	12	12	12	12
Mean	502.3	13.550	2.691	3.538	0.707	1.429	0.285	735.9	146.796
S.D.	37.2	1.779	0.219	0.324	0.057	0.092	0.020	103.1	20.316

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	186	37.96	91	18.57	12.8	2.61	32.0	6.53	3.21	0.66
10302	383	65.14	81	13.78	13.1	2.23	22.7	3.86	3.67	0.62
10303	441	94.43	78	16.70	14.2	3.04	20.2	4.33	3.70	0.79
10304	283	60.47	57	12.18	10.4	2.22	18.8	4.02	3.70	0.79
10305	316	64.75	66	13.52	12.0	2.46	22.6	4.63	3.67	0.75
10306	371	75.71	65	13.27	12.2	2.49	24.6	5.02	3.53	0.72
10307	333	68.94	57	11.80	9.8	2.03	11.9	2.46	3.40	0.70
10308	322	62.77	86	16.76	14.8	2.88	23.8	4.64	3.63	0.71
10309	408	78.76	82	15.83	18.0	3.47	27.2	5.25	3.85	0.74
10310	572	118.67	74	15.35	6.2	1.29	23.1	4.79	3.95	0.82
10311	582	103.93	76	13.57	12.3	2.20	31.6	5.64	4.02	0.72
10312	434	90.23	73	15.18	11.6	2.41	27.1	5.63	3.69	0.77
n	12	12	12	12	12	12	12	12	12	12
Mean	385.9	76.813	73.8	14.709	12.28	2.444	23.80	4.733	3.668	0.733
S.D.	113.4	21.951	10.8	2.033	2.87	0.547	5.51	1.037	0.222	0.057

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Isohexane 300 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	1.33	0.27	569	116.12	2.43	0.50	2.29	0.47
10302	1.40	0.24	877	149.15	2.20	0.37	2.16	0.37
10303	1.45	0.31	650	139.19	2.03	0.43	2.24	0.48
10304	1.47	0.31	962	205.56	2.76	0.59	2.30	0.49
10305	1.49	0.31	728	149.18	2.28	0.47	2.28	0.47
10306	1.36	0.28	925	188.78	2.55	0.52	2.15	0.44
10307	1.32	0.27	606	125.47	2.19	0.45	2.15	0.45
10308	1.76	0.34	1076	209.75	2.75	0.54	2.33	0.45
10309	1.40	0.27	650	125.48	3.03	0.58	2.31	0.45
10310	1.57	0.33	774	160.58	2.08	0.43	2.16	0.45
10311	1.68	0.30	896	160.00	2.47	0.44	2.29	0.41
10312	1.57	0.33	636	132.22	2.79	0.58	2.25	0.47
n	12	12	12	12	12	12	12	12
Mean	1.483	0.297	779.1	155.123	2.463	0.492	2.243	0.450
S.D.	0.138	0.031	164.2	31.396	0.319	0.071	0.069	0.033

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Isohexane 1000 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
10404	453	13.55	2.99	3.45	0.76	1.54	0.34	657	145.03
10405	519	16.77	3.23	4.39	0.85	1.64	0.32	676	130.25
10406	542	15.94	2.94	4.10	0.76	1.59	0.29	818	150.92
10408	472	15.83	3.35	4.00	0.85	1.67	0.35	781	165.47
10410	567	18.16	3.20	4.21	0.74	1.69	0.30	901	158.91
10411	460	12.47	2.71	3.62	0.79	1.33	0.29	663	144.13
10412	486	13.75	2.83	4.40	0.91	1.33	0.27	690	141.98
n	7	7	7	7	7	7	7	7	7
Mean	499.9	15.210	3.036	4.024	0.809	1.541	0.309	740.9	148.099
S.D.	43.6	2.019	0.232	0.367	0.063	0.153	0.029	94.1	11.603

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
10404	329	72.63	66	14.57	13.8	3.05	16.2	3.58	3.14	0.69
10405	172	33.14	98	18.88	13.8	2.66	22.9	4.41	3.79	0.73
10406	548	101.11	57	10.52	12.5	2.31	25.8	4.76	3.27	0.60
10408	192	40.68	95	20.13	12.9	2.73	26.9	5.70	3.49	0.74
10410	406	71.60	73	12.87	19.2	3.39	25.6	4.51	4.13	0.73
10411	306	66.52	64	13.91	9.7	2.11	21.2	4.61	2.92	0.63
10412	305	62.76	69	14.20	11.2	2.30	27.0	5.56	3.38	0.70
n	7	7	7	7	7	7	7	7	7	7
Mean	322.6	64.063	74.6	15.011	13.30	2.650	23.66	4.733	3.446	0.689
S.D.	127.9	22.411	15.8	3.366	2.99	0.455	3.92	0.721	0.407	0.054

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
10404	1.25	0.28	855	188.74	2.37	0.52	2.25	0.50
10405	1.49	0.29	767	147.78	3.23	0.62	2.29	0.44
10406	1.51	0.28	810	149.45	2.04	0.38	2.19	0.40
10408	1.44	0.31	907	192.16	2.49	0.53	2.37	0.50
10410	1.69	0.30	842	148.50	2.26	0.40	2.51	0.44
10411	1.11	0.24	647	140.65	2.59	0.56	2.11	0.46
10412	1.43	0.29	737	151.65	2.42	0.50	2.31	0.48
n	7	7	7	7	7	7	7	7
Mean	1.417	0.284	795.0	159.847	2.486	0.501	2.290	0.460
S.D.	0.188	0.022	86.2	21.202	0.372	0.085	0.129	0.037

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

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Isohexane 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	311	11.02	3.54	2.00	0.64	1.02	0.33	449	144.37
50152	271 $	6.81 $	2.51 $	1.80 $	0.66 $	0.91 $	0.34 $	451 $	166.42 $
50153	320	10.89	3.40	2.29	0.72	1.07	0.33	638	199.38
50154	306	10.71	3.50	2.02	0.66	1.09	0.36	470	153.59
50155	345	12.12	3.51	2.12	0.61	1.12	0.32	653	189.28
50156	290 $	7.81 $	2.69 $	2.30 $	0.79 $	1.01 $	0.35 $	472 $	162.76 $
50157	354	10.67	3.01	2.27	0.64	1.16	0.33	433	122.32
50158	354	13.08	3.69	2.27	0.64	1.18	0.33	677	191.24
50159	354 $	10.32 $	2.92 $	2.31 $	0.65 $	1.01 $	0.29 $	503 $	142.09 $
50160	352	11.84	3.36	2.39	0.68	1.10	0.31	627	178.13
50161	383	13.31	3.48	2.56	0.67	1.16	0.30	611	159.53
50162	314	10.93	3.48	2.06	0.66	0.96	0.31	589	187.58
n	9	9	9	9	9	9	9	9	9
Mean	337.7	11.619	3.441	2.220	0.658	1.096	0.324	571.9	169.491
S.D.	26.1	1.024	0.186	0.187	0.031	0.071	0.017	94.6	25.904

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	177	56.91	74	23.79	13.2	4.24	19.1	6.14	76	24.44
50152	328 $	121.03 $	82 $	30.26 $	16.7 $	6.16 $	16.8 $	6.20 $	95 $	35.06 $
50153	242	75.63	70	21.88	15.4	4.81	12.0	3.75	118	36.88
50154	161	52.61	67	21.90	17.5	5.72	21.7	7.09	93	30.39
50155	328	95.07	70	20.29	16.8	4.87	15.3	4.43	117	33.91
50156	260 $	89.66 $	71 $	24.48 $	12.7 $	4.38 $	20.9 $	7.21 $	114 $	39.31 $
50157	167	47.18	72	20.34	14.4	4.07	10.7	3.02	100	28.25
50158	313	88.42	79	22.32	12.8	3.62	18.1	5.11	118	33.33
50159	397 $	112.15 $	76 $	21.47 $	6.4 $	1.81 $	17.3 $	4.89 $	152 $	42.94 $
50160	215	61.08	85	24.15	16.7	4.74	19.0	5.40	125	35.51
50161	113	29.50	73	19.06	13.8	3.60	16.4	4.28	135	35.25
50162	333	106.05	64	20.38	13.8	4.39	15.9	5.06	94	29.94
n	9	9	9	9	9	9	9	9	9	9
Mean	227.7	68.050	72.7	21.568	14.93	4.451	16.47	4.920	108.4	31.989
S.D.	81.1	24.948	6.3	1.704	1.73	0.671	3.51	1.230	18.7	4.034

AB : Absolute weight, RE : Relative weight by body weight
Animal No. 50152 : Non-pregnancy
Animal No. 50156 : All offspring died by Postnatal Day 4.
Animal No. 50159: Not delivered. Conceptuses were present in the uterus.
$: Excepted data from calculation

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 0 mg/kg
Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50151	622	200.00	1.96	0.63
50152	1073 $	395.94 $	1.94 $	0.72 $
50153	585	182.81	2.04	0.64
50154	471	153.92	2.08	0.68
50155	529	153.33	2.08	0.60
50156	884 $	304.83 $	2.07 $	0.71 $
50157	562	158.76	2.14	0.60
50158	580	163.84	2.09	0.59
50159	1296 $	366.10 $	2.18 $	0.62 $
50160	666	189.20	2.11	0.60
50161	577	150.65	1.96	0.51
50162	474	150.96	2.02	0.64
n	9	9	9	9
Mean	562.9	167.052	2.053	0.610
S.D.	63.8	18.682	0.063	0.047

AB : Absolute weight, RE : Relative weight by body weight
Animal No. 50152 : Non-pregnancy
Animal No. 50156 : All offspring died by Postnatal Day 4.
Animal No. 50159: Not delivered. Conceptuses were present in the uterus.
$: Excepted data from calculation

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Isohexane 100 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	335	10.57	3.16	1.98	0.59	1.08	0.32	545	162.69
50252	311 $	8.94 $	2.87 $	1.96 $	0.63 $	1.00 $	0.32 $	594 $	191.00 $
50253	343	12.06	3.52	2.21	0.64	1.19	0.35	595	173.47
50254	293	9.79	3.34	1.99	0.68	0.95	0.32	486	165.87
50255	337	11.89	3.53	2.36	0.70	1.05	0.31	590	175.07
50256	359	13.29	3.70	2.57	0.72	1.26	0.35	817	227.58
50257	328	10.34	3.15	2.32	0.71	0.87	0.27	546	166.46
50258	338	11.85	3.51	2.19	0.65	1.12	0.33	728	215.38
50259	307	10.97	3.57	2.10	0.68	1.09	0.36	568	185.02
50260	338	12.83	3.80	2.21	0.65	1.12	0.33	602	178.11
50261	314	10.70	3.41	2.22	0.71	0.98	0.31	633	201.59
50262	415	13.98	3.37	2.49	0.60	1.24	0.30	593	142.89
n	11	11	11	11	11	11	11	11	11
Mean	337.0	11.661	3.460	2.240	0.666	1.086	0.323	609.4	181.285
S.D.	31.7	1.322	0.202	0.186	0.044	0.120	0.026	91.5	24.737

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	277	82.69	57	17.01	19.5	5.82	20.6	6.15	80	23.88
50252	297 $	95.50 $	75 $	24.12 $	18.3 $	5.88 $	16.3 $	5.24 $	130 $	41.80 $
50253	168	48.98	93	27.11	18.7	5.45	18.9	5.51	106	30.90
50254	149	50.85	70	23.89	16.4	5.60	19.0	6.48	94	32.08
50255	204	60.53	81	24.04	13.2	3.92	15.9	4.72	81	24.04
50256	284	79.11	89	24.79	17.9	4.99	19.3	5.38	139	38.72
50257	285	86.89	74	22.56	17.4	5.30	12.6	3.84	119	36.28
50258	258	76.33	75	22.19	16.9	5.00	15.4	4.56	118	34.91
50259	226	73.62	69	22.48	14.9	4.85	19.8	6.45	90	29.32
50260	202	59.76	74	21.89	15.9	4.70	25.5	7.54	111	32.84
50261	270	85.99	65	20.70	13.0	4.14	16.6	5.29	96	30.57
50262	255	61.45	84	20.24	24.4	5.88	17.4	4.19	94	22.65
n	11	11	11	11	11	11	11	11	11	11
Mean	234.4	69.655	75.5	22.445	17.11	5.059	18.27	5.465	102.5	30.563
S.D.	47.8	13.831	10.6	2.641	3.18	0.639	3.34	1.116	18.0	5.264

AB : Absolute weight, RE : Relative weight by body weight
Animal No. 50252 : Non-pregnancy
$: Excepted data from calculation

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 100 mg/kg
Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50251	607	181.19	1.98	0.59
50252	763 $	245.34 $	2.10 $	0.68 $
50253	522	152.19	2.00	0.58
50254	432	147.44	1.96	0.67
50255	568	168.55	2.05	0.61
50256	734	204.46	2.19	0.61
50257	527	160.67	2.03	0.62
50258	560	165.68	1.97	0.58
50259	640	208.47	2.15	0.70
50260	519	153.55	2.12	0.63
50261	544	173.25	2.00	0.64
50262	654	157.59	2.02	0.49
n	11	11	11	11
Mean	573.4	170.276	2.043	0.611
S.D.	81.7	20.398	0.077	0.054

AB : Absolute weight, RE : Relative weight by body weight
Animal No. 50252 : Non-pregnancy
$: Excepted data from calculation

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Isohexane 300 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	338	12.30	3.64	2.14	0.63	1.16	0.34	525	155.33
50352	318	10.69	3.36	1.86	0.58	0.94	0.30	527	165.72
50353	321	12.80	3.99	2.21	0.69	1.07	0.33	648	201.87
50354	335	13.38	3.99	2.34	0.70	1.14	0.34	686	204.78
50355	319	11.44	3.59	2.33	0.73	1.13	0.35	619	194.04
50356	312 $	8.06 $	2.58 $	2.19 $	0.70 $	0.95 $	0.30 $	496 $	158.97 $
50357	323	12.17	3.77	2.20	0.68	0.99	0.31	554	171.52
50358	350	13.15	3.76	2.56	0.73	1.16	0.33	629	179.71
50359	307	11.07	3.61	1.89	0.62	1.04	0.34	497	161.89
50360	324	11.71	3.61	2.40	0.74	1.03	0.32	519	160.19
50361	365	11.72	3.21	2.27	0.62	1.18	0.32	609	166.85
50362	327 $	9.29 $	2.84 $	2.12 $	0.65 $	0.98 $	0.30 $	579 $	177.06 $
n	10	10	10	10	10	10	10	10	10
Mean	330.0	12.043	3.653	2.220	0.672	1.084	0.328	581.3	176.190
S.D.	17.2	0.883	0.245	0.217	0.056	0.082	0.015	64.7	18.019

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	201	59.47	87	25.74	15.7	4.64	22.7	6.72	133	39.35
50352	131	41.19	61	19.18	14.7	4.62	15.1	4.75	84	26.42
50353	254	79.13	73	22.74	17.3	5.39	12.6	3.93	92	28.66
50354	206	61.49	70	20.90	19.1	5.70	14.8	4.42	100	29.85
50355	149	46.71	83	26.02	15.2	4.76	16.7	5.24	111	34.80
50356	228 $	73.08 $	59 $	18.91 $	16.4 $	5.26 $	20.2 $	6.47 $	116 $	37.18 $
50357	181	56.04	60	18.58	13.9	4.30	21.4	6.63	84	26.01
50358	239	68.29	74	21.14	14.9	4.26	19.2	5.49	113	32.29
50359	284	92.51	65	21.17	11.3	3.68	20.0	6.51	98	31.92
50360	175	54.01	92	28.40	19.2	5.93	18.3	5.65	132	40.74
50361	202	55.34	84	23.01	17.4	4.77	14.2	3.89	116	31.78
50362	353 $	107.95 $	106 $	32.42 $	18.1 $	5.54 $	24.3 $	7.43 $	132 $	40.37 $
n	10	10	10	10	10	10	10	10	10	10
Mean	202.2	61.418	74.9	22.688	15.87	4.805	17.50	5.323	106.3	32.182
S.D.	46.9	15.194	11.2	3.166	2.44	0.691	3.34	1.072	17.8	4.954

AB : Absolute weight, RE : Relative weight by body weight
Animal No. 50356 : Unsuccessful mating
Animal No. 50362 : Non-pregnancy
$: Excepted data from calculation

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 300 mg/kg
Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50351	728	215.38	2.10	0.62
50352	465	146.23	1.95	0.61
50353	538	167.60	2.04	0.64
50354	560	167.16	1.93	0.58
50355	649	203.45	1.98	0.62
50356	434 $	139.10 $	2.19 $	0.70 $
50357	404	125.08	2.16	0.67
50358	613	175.14	1.96	0.56
50359	528	171.99	1.99	0.65
50360	647	199.69	2.10	0.65
50361	664	181.92	2.13	0.58
50362	682 $	208.56 $	2.09 $	0.64 $
n	10	10	10	10
Mean	579.6	175.364	2.034	0.618
S.D.	99.1	26.959	0.083	0.036

AB : Absolute weight, RE : Relative weight by body weight
Animal No. 50356 : Unsuccessful mating
Animal No. 50362 : Non-pregnancy
$: Excepted data from calculation

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Isohexane 1000 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	314	11.37	3.62	2.16	0.69	1.07	0.34	575	183.12
50452	312	11.72	3.76	2.20	0.71	1.08	0.35	576	184.62
50453	379	12.71	3.35	2.55	0.67	1.18	0.31	623	164.38
50454	302	9.95	3.29	1.93	0.64	0.98	0.32	465	153.97
50455	315 $	8.60 $	2.73 $	1.96 $	0.62 $	1.01 $	0.32 $	432 $	137.14 $
50456	319	12.18	3.82	2.26	0.71	0.93	0.29	593	185.89
50457	336	12.35	3.68	2.33	0.69	1.10	0.33	661	196.73
50458	313	11.39	3.64	2.00	0.64	1.05	0.34	639	204.15
50459	314	9.82	3.13	2.19	0.70	0.96	0.31	639	203.50
50460	306	10.55	3.45	2.20	0.72	1.14	0.37	550	179.74
50461	362	14.04	3.88	2.47	0.68	1.21	0.33	632	174.59
50462	360 $	9.87 $	2.74 $	2.29 $	0.64 $	1.06 $	0.29 $	635 $	176.39 $
n	10	10	10	10	10	10	10	10	10
Mean	325.7	11.608	3.562	2.229	0.685	1.070	0.329	595.3	183.069
S.D.	25.6	1.299	0.247	0.189	0.028	0.093	0.023	57.8	16.117

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	45.54	86	27.39	17.3	5.51	18.6	5.92	113	35.99
50452	205	65.71	74	23.72	12.6	4.04	16.1	5.16	112	35.90
50453	259	68.34	88	23.22	14.8	3.91	23.5	6.20	153	40.37
50454	258	85.43	72	23.84	16.9	5.60	13.6	4.50	93	30.79
50455	294 $	93.33 $	85 $	26.98 $	14.2 $	4.51 $	15.5 $	4.92 $	107 $	33.97 $
50456	274	85.89	76	23.82	12.8	4.01	17.2	5.39	110	34.48
50457	148	44.05	76	22.62	17.6	5.24	19.8	5.89	133	39.58
50458	175	55.91	69	22.04	9.6	3.07	15.3	4.89	74	23.64
50459	141	44.90	75	23.89	12.1	3.85	18.0	5.73	104	33.12
50460	173	56.54	87	28.43	15.6	5.10	16.3	5.33	96	31.37
50461	179	49.45	70	19.34	16.8	4.64	18.3	5.06	119	32.87
50462	432 $	120.00 $	76 $	21.11 $	11.9 $	3.31 $	18.8 $	5.22 $	100 $	27.78 $
n	10	10	10	10	10	10	10	10	10	10
Mean	195.5	60.176	77.3	23.831	14.61	4.497	17.67	5.407	110.7	33.811
S.D.	51.0	15.813	7.1	2.561	2.71	0.845	2.72	0.528	21.8	4.781

AB : Absolute weight, RE : Relative weight by body weight
Animal Nos. 50455 and 50462 : Unsuccessful mating
$: Excepted data from calculation

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Isohexane 1000 mg/kg
Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50451	547	174.20	1.97	0.63
50452	485	155.45	1.92	0.62
50453	616	162.53	2.10	0.55
50454	456	150.99	1.95	0.65
50455	578 $	183.49 $	1.89 $	0.60 $
50456	726	227.59	1.88	0.59
50457	519	154.46	2.17	0.65
50458	435	138.98	2.04	0.65
50459	451	143.63	1.96	0.62
50460	526	171.90	2.12	0.69
50461	658	181.77	2.05	0.57
50462	724 $	201.11 $	1.99 $	0.55 $
n	10	10	10	10
Mean	541.9	166.150	2.016	0.622
S.D.	96.6	25.509	0.095	0.042

AB : Absolute weight, RE : Relative weight by body weight
Animal Nos. 50455 and 50462 : Unsuccessful mating
$: Excepted data from calculation

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : Isohexane 0 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
50551	282	6.48	2.30	1.71	0.61	0.85	0.30	477	169.15
50552	270	6.94	2.57	1.82	0.67	0.89	0.33	458	169.63
50553	274	7.60	2.77	1.92	0.70	0.92	0.34	442	161.31
50554	251	7.04	2.80	1.88	0.75	0.94	0.37	476	189.64
50555	274	7.56	2.76	1.93	0.70	0.94	0.34	528	192.70
n	5	5	5	5	5	5	5	5	5
Mean	270.2	7.124	2.640	1.852	0.686	0.908	0.336	476.2	176.486
S.D.	11.6	0.467	0.211	0.090	0.051	0.038	0.025	32.3	13.848

	Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
50551	329	116.67	66	23.40	12.4	4.40	22.8	8.09	94	33.33
50552	285	105.56	64	23.70	12.7	4.70	18.2	6.74	73	27.04
50553	362	132.12	87	31.75	17.3	6.31	20.1	7.34	87	31.75
50554	285	113.55	86	34.26	20.6	8.21	17.7	7.05	77	30.68
50555	291	106.20	72	26.28	15.9	5.80	22.2	8.10	85	31.02
n	5	5	5	5	5	5	5	5	5	5
Mean	310.4	114.820	75.0	27.878	15.78	5.884	20.20	7.464	83.2	30.764
S.D.	34.2	10.775	10.9	4.893	3.41	1.517	2.29	0.614	8.3	2.318

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50551	562	199.29	2.03	0.72
50552	1040	385.19	2.06	0.76
50553	451	164.60	2.07	0.76
50554	642	255.78	2.15	0.86
50555	934	340.88	2.01	0.73
n	5	5	5	5
Mean	725.8	269.148	2.064	0.766
S.D.	250.7	93.006	0.054	0.055

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

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : Isohexane 1000 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
50651	251	7.40	2.95	1.96	0.78	0.81	0.32	457	182.07
50652	276	8.67	3.14	2.04	0.74	1.01	0.37	452	163.77
50653	300	8.72	2.91	1.91	0.64	0.89	0.30	543	181.00
50654	272	7.88	2.90	1.85	0.68	0.85	0.31	428	157.35
50655	258	6.88	2.67	1.92	0.74	0.90	0.35	478	185.27
n	5	5	5	5	5	5	5	5	5
Mean	271.4	7.910	2.914	1.936	0.716	0.892	0.330	471.6	173.892
S.D.	18.9	0.799	0.167	0.070	0.055	0.075	0.029	43.7	12.480

	Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
50651	289	115.14	72	28.69	14.5	5.78	12.8	5.10	81	32.27
50652	309	111.96	60	21.74	17.0	6.16	17.4	6.30	66	23.91
50653	356	118.67	69	23.00	20.0	6.67	19.6	6.53	76	25.33
50654	374	137.50	65	23.90	16.0	5.88	25.5	9.38	96	35.29
50655	266	103.10	78	30.23	17.5	6.78	17.3	6.71	100	38.76
n	5	5	5	5	5	5	5	5	5	5
Mean	318.8	117.274	68.8	25.512	17.00	6.254	18.52	6.804	83.8	31.112
S.D.	45.3	12.696	6.8	3.725	2.03	0.454	4.62	1.571	14.1	6.376

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50651	476	189.64	1.80	0.72
50652	605	219.20	2.02	0.73
50653	525	175.00	1.89	0.63
50654	456	167.65	2.04	0.75
50655	883	342.25	2.06	0.80
n	5	5	5	5
Mean	589.0	218.748	1.962	0.726
S.D.	174.1	71.807	0.112	0.062

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

Organ weight
Sex : Male
Stage : Recovery Day 15
Dose : Isohexane 0 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
10101	524	13.35	2.55	3.72	0.71	1.56	0.30	847	161.64
10102	550	12.95	2.35	3.49	0.63	1.56	0.28	856	155.64
10106	524	13.88	2.65	3.32	0.63	1.48	0.28	913	174.24
10108	530	13.80	2.60	3.56	0.67	1.49	0.28	774	146.04
10110	531	14.36	2.70	3.90	0.73	1.60	0.30	821	154.61
n	5	5	5	5	5	5	5	5	5
Mean	531.8	13.668	2.570	3.598	0.674	1.538	0.288	842.2	158.434
S.D.	10.7	0.538	0.135	0.222	0.046	0.051	0.011	50.8	10.442

	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
10101	322	61.45	64	12.21	11.2	2.14	14.6	2.79	3.88	0.74
10102	444	80.73	65	11.82	14.4	2.62	18.8	3.42	3.37	0.61
10106	341	65.08	65	12.40	13.2	2.52	22.2	4.24	3.12	0.60
10108	395	74.53	54	10.19	13.3	2.51	25.5	4.81	3.62	0.68
10110	128	24.11	57	10.73	13.2	2.49	21.0	3.95	3.73	0.70
n	5	5	5	5	5	5	5	5	5	5
Mean	326.0	61.180	61.0	11.470	13.06	2.456	20.42	3.842	3.544	0.666
S.D.	120.6	22.079	5.1	0.964	1.16	0.184	4.06	0.773	0.301	0.060

	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
10101	1.41	0.27	751	143.32	2.66	0.51	2.23	0.43
10102	1.39	0.25	811	147.45	2.09	0.38	2.26	0.41
10106	1.35	0.26	978	186.64	2.25	0.43	2.24	0.43
10108	1.34	0.25	633	119.43	2.69	0.51	2.39	0.45
10110	1.44	0.27	640	120.53	2.23	0.42	2.20	0.41
n	5	5	5	5	5	5	5	5
Mean	1.386	0.260	762.6	143.474	2.384	0.450	2.264	0.426
S.D.	0.042	0.010	142.0	27.312	0.273	0.058	0.074	0.017

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

Organ weight
Sex : Male
Stage : Recovery Day 15
Dose : Isohexane 1000 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
10401	487	11.51	2.36	3.23	0.66	1.69	0.35	784	160.99
10402	525	15.62	2.98	3.66	0.70	1.59	0.30	712	135.62
10403	539	14.62	2.71	3.91	0.73	1.50	0.28	767	142.30
10407	544	17.01	3.13	3.70	0.68	1.49	0.27	714	131.25
10409	480	13.53	2.82	2.79	0.58	1.36	0.28	692	144.17
n	5	5	5	5	5	5	5	5	5
Mean	515.0	14.458	2.800	3.458	0.670	1.526	0.296	733.8	142.866
S.D.	29.7	2.088	0.293	0.448	0.057	0.123	0.032	39.5	11.379

	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
10401	426	87.47	63	12.94	14.4	2.96	26.3	5.40	3.39	0.70
10402	282	53.71	66	12.57	13.5	2.57	27.6	5.26	4.03	0.77
10403	331	61.41	64	11.87	14.7	2.73	20.5	3.80	3.37	0.63
10407	311	57.17	65	11.95	11.2	2.06	15.0	2.76	3.07	0.56
10409	406	84.58	69	14.38	9.9	2.06	22.3	4.65	3.53	0.74
n	5	5	5	5	5	5	5	5	5	5
Mean	351.2	68.868	65.4	12.742	12.74	2.476	22.34	4.374	3.478	0.680
S.D.	62.1	15.931	2.3	1.017	2.10	0.404	5.02	1.101	0.351	0.085

	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
10401	1.50	0.31	867	178.03	2.36	0.48	2.19	0.45
10402	1.72	0.33	1032	196.57	3.20	0.61	2.31	0.44
10403	1.37	0.25	603	111.87	2.11	0.39	2.38	0.44
10407	1.36	0.25	713	131.07	2.30	0.42	2.16	0.40
10409	1.34	0.28	687	143.13	1.82	0.38	2.16	0.45
n	5	5	5	5	5	5	5	5
Mean	1.458	0.284	780.4	152.134	2.358	0.456	2.240	0.436
S.D.	0.159	0.036	170.0	34.609	0.516	0.094	0.100	0.021

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

Organ weight
Sex : Female (satellite)
Stage : Recovery Day 15
Dose : Isohexane 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
50556	272	6.32	2.32	1.76	0.65	0.84	0.31	470	172.79
50557	281	6.65	2.37	1.88	0.67	0.80	0.28	402	143.06
50558	284	6.73	2.37	1.96	0.69	0.87	0.31	532	187.32
50559	292	7.70	2.64	2.01	0.69	1.00	0.34	487	166.78
50560	276	7.65	2.77	1.90	0.69	0.90	0.33	507	183.70
n	5	5	5	5	5	5	5	5	5
Mean	281.0	7.010	2.494	1.902	0.678	0.882	0.314	479.6	170.730
S.D.	7.7	0.626	0.199	0.094	0.018	0.076	0.023	49.2	17.528

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
50556	218	80.15	47	17.28	13.6	5.00	18.5	6.80	94	34.56
50557	290	103.20	66	23.49	12.0	4.27	14.6	5.20	109	38.79
50558	321	113.03	86	30.28	13.0	4.58	18.3	6.44	119	41.90
50559	363	124.32	65	22.26	14.0	4.79	25.9	8.87	97	33.22
50560	367	132.97	74	26.81	14.8	5.36	21.9	7.93	123	44.57
n	5	5	5	5	5	5	5	5	5	5
Mean	311.8	110.734	67.6	24.024	13.48	4.800	19.84	7.048	108.4	38.608
S.D.	61.3	20.472	14.3	4.893	1.05	0.413	4.26	1.409	12.9	4.791

Animal No.	Uterus		Brain	
	AB	RE	AB	RE
	mg	mg/100g	g	g/100g
50556	492	180.88	1.82	0.67
50557	830	295.37	1.85	0.66
50558	439	154.58	2.12	0.75
50559	622	213.01	2.08	0.71
50560	515	186.59	2.06	0.75
n	5	5	5	5
Mean	579.6	206.086	1.986	0.708
S.D.	155.0	54.055	0.140	0.043

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

Organ weight
Sex : Female (satellite)
Stage : Recovery Day 15
Dose : Isohexane 1000 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
50656	273	6.16	2.26	1.73	0.63	0.78	0.29	453	165.93
50657	323	7.87	2.44	2.01	0.62	0.81	0.25	435	134.67
50658	255	6.67	2.62	1.61	0.63	0.94	0.37	386	151.37
50659	269	7.69	2.86	2.11	0.78	0.96	0.36	467	173.61
50660	300	8.43	2.81	2.18	0.73	0.97	0.32	686	228.67
n	5	5	5	5	5	5	5	5	5
Mean	284.0	7.364	2.598	1.928	0.678	0.892	0.318	485.4	170.850
S.D.	27.2	0.926	0.252	0.247	0.073	0.090	0.050	116.2	35.579

	Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
50656	230	84.25	84	30.77	20.3	7.44	11.3	4.14	98	35.90
50657	426	131.89	57	17.65	12.4	3.84	24.2	7.49	93	28.79
50658	250	98.04	65	25.49	13.5	5.29	17.2	6.75	85	33.33
50659	182	67.66	65	24.16	17.8	6.62	11.7	4.35	95	35.32
50660	359	119.67	97	32.33	19.3	6.43	17.8	5.93	115	38.33
n	5	5	5	5	5	5	5	5	5	5
Mean	289.4	100.302	73.6	26.080	16.66	5.924	16.44	5.732	97.2	34.334
S.D.	100.1	25.987	16.4	5.834	3.52	1.395	5.28	1.467	11.1	3.575

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50656	490	179.49	2.11	0.77
50657	531	164.40	1.82	0.56
50658	688	269.80	1.89	0.74
50659	740	275.09	1.93	0.72
50660	1121	373.67	2.06	0.69
n	5	5	5	5
Mean	714.0	252.490	1.962	0.696
S.D.	250.3	84.534	0.120	0.081

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

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 0 mg/kg Animal No. : 10103

Heart
Findings : Finding present
Infiltration, inflammatory cell, 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 : Isohexane Dose : 0 mg/kg Animal No. : 10104

Heart
Findings : Finding present
Fibrosis, 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 : Isohexane Dose : 0 mg/kg Animal No. : 10105

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 : Isohexane Dose : 0 mg/kg Animal No. : 10107

Testis
Findings : Finding present
Sertoli-cell-only tubule
Mild
Finding Comment : bilateral

Epididymis
Findings : Finding present
Cell debris, lumen
Mild
Finding Comment : bilateral

Seminal vesicle
Findings : Finding present
Inflammation
Slight
Finding Comment : bilateral

Coagulating gland
Findings : Finding present
Inflammation
Slight
Finding Comment : bilateral

Pituitary gland
Findings : Finding present
Remnant, craniopharyngeal duct
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Prostate, 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

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 0 mg/kg Animal No. : 10109

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 : Isohexane Dose : 0 mg/kg Animal No. : 10111

Heart
Findings : Finding present
Infiltration, inflammatory cell, 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 : Isohexane Dose : 0 mg/kg Animal No. : 10112

Testis
Findings : Finding present
Degeneration, seminiferous tubule
Slight
Finding Comment : unilateral : left

Epididymis
Findings : Finding present
Cell debris, lumen
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, 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

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10201

Finding absent : Kidney

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10202 Infertility

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral
Dilatation, renal pelvis
Mild
Finding Comment : unilateral : right

Testis
Findings : Finding present
Degeneration, seminiferous tubule
Mild
Finding Comment : bilateral

Epididymis
Findings : Finding present
Cell debris, lumen
Mild
Finding Comment : bilateral
Decrease, spermatozoa
Slight
Finding Comment : bilateral

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Seminal vesicle
Findings : Finding present
Inflammation
Slight
Finding Comment : neutrophil, bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, 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 : Isohexane Dose : 100 mg/kg Animal No. : 10203

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10204

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10205

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10206

Finding absent : Kidney

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10207

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10208

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10209

Finding absent : Kidney

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10210

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10211

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 100 mg/kg Animal No. : 10212

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : bilateral

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10301

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10302

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10303

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10304

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : bilateral

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10305

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10306 Unsuccessful mating

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
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 : Isohexane Dose : 300 mg/kg Animal No. : 10307

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10308

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10309

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10310

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : left

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10311

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Test article : Isohexane Dose : 300 mg/kg Animal No. : 10312 Infertility

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, 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

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10404

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Testis
Findings : Finding present
Sertoli-cell-only tubule
Slight
Finding Comment : unilateral : right

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, 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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10405 Unsuccessful mating

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral
Basophilic change, renal tubule, focal
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, 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

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10406

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral
Basophilic change, renal tubule, focal
Mild
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, 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 : Isohexane Dose : 1000 mg/kg Animal No. : 10408

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Prostate
Findings : Finding present
Inflammation, interstitium
Mild

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 : Isohexane Dose : 1000 mg/kg Animal No. : 10410

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, 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 : Isohexane Dose : 1000 mg/kg Animal No. : 10411

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral

Prostate
Findings : Finding present
Inflammation, interstitium
Moderate

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10412 Unsuccessful mating

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral : Eosinophilic bodies were Alpha-2u-globulin positive.
Basophilic change, renal tubule, focal
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, 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

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

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50151

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 : Isohexane Dose : 0 mg/kg Animal No. : 50152 $ Non-pregnancy

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : bilateral

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 : Isohexane Dose : 0 mg/kg Animal No. : 50153

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 : Isohexane Dose : 0 mg/kg Animal No. : 50154

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

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, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

$: Excepted data from statistical evaluation

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

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50155

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 : Isohexane Dose : 0 mg/kg Animal No. : 50156 $ Total litter loss

Kidney
Findings : Finding present
Cyst
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

$: Excepted data from statistical evaluation

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

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50157

Pituitary gland
Findings : Finding present
Cyst, pars distalis
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, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50158

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 : Isohexane Dose : 0 mg/kg Animal No. : 50159 $ Non-delivery

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

$: Excepted data from statistical evaluation

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

Test article : Isohexane 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

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50161

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 : Isohexane Dose : 0 mg/kg Animal No. : 50162

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 : Isohexane	Dose : 100 mg/kg	Animal No. : 50252 $	Non-pregnancy	
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			

$: Excepted data from statistical evaluation

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

Test article : Isohexane Dose : 300 mg/kg Animal No. : 50356 $ Unsuccessful mating

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
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

Test article : Isohexane Dose : 300 mg/kg Animal No. : 50362 $ Non-pregnancy

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

$: Excepted data from statistical evaluation

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50451

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 : Isohexane Dose : 1000 mg/kg Animal No. : 50452

Pancreas
Findings : Finding present
Intracytoplasmic vacuolization, with intraluminal globules, hypereosinophilic/basophilic, acinar cell
Slight

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, 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 : Isohexane Dose : 1000 mg/kg Animal No. : 50453

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
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 : Isohexane Dose : 1000 mg/kg Animal No. : 50454

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 : Isohexane Dose : 1000 mg/kg Animal No. : 50455 $ Unsuccessful mating

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 : Isohexane Dose : 1000 mg/kg Animal No. : 50456

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

$: Excepted data from statistical evaluation

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50457

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : left

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, 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 : Isohexane Dose : 1000 mg/kg Animal No. : 50458

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50459

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

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50460

Liver
Findings : Finding present
Necrosis, focal
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 : Isohexane Dose : 1000 mg/kg Animal No. : 50461

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 : Isohexane Dose : 1000 mg/kg Animal No. : 50462 $ Unsuccessful mating

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

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, 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

$: Excepted data from statistical evaluation

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

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50551

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 : Isohexane 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 : Isohexane Dose : 0 mg/kg Animal No. : 50553

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : bilateral

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

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

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50554

Kidney
Findings : Finding present
Cyst
Slight
Finding Comment : unilateral : left

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : bilateral

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, 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, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Isohexane Dose : 0 mg/kg Animal No. : 50555

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, 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 (satellite) Stage : Day 29 Species : Rat

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 50651

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 : Isohexane Dose : 1000 mg/kg Animal No. : 50652

Stomach
Findings : Finding present
Hyperkeratosis, limiting ridge
Slight

Ovary
Findings : Finding present
Cyst, lutein
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, 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 : Isohexane Dose : 1000 mg/kg Animal No. : 50653

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 : Isohexane Dose : 1000 mg/kg Animal No. : 50654

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, 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 : Isohexane Dose : 1000 mg/kg Animal No. : 50655

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : left

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, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10101	
Finding absent :	Kidney		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10102	Infertility
Finding absent :	Kidney		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10106	
Finding absent :	Kidney		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10108	
Finding absent :	Kidney		
Test article : Isohexane	Dose : 0 mg/kg	Animal No. : 10110	
Finding absent :	Kidney		

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

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10401

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : left

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10402

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10403

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : bilateral

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10407

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Mild
Finding Comment : bilateral

Test article : Isohexane Dose : 1000 mg/kg Animal No. : 10409

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Estrous cycles and copulation

Generation : F0 Dose : Isohexane 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	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50152	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50153	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50154	D	D	P	E	M	D	P	E	E	M	D	P	E	E	4	5		4.5	3	-
50155	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50156	M	D	P	E	M	D	P	E	M	D	P	E	M	D	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	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50159	D	D	P	E	M	D	D	P	E	M	D	D	P	E	5	5		5.0	3	-
50160	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50161	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50162	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 : Isohexane 100 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	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50252	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50253	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50254	E	E	M	D	P	E	M	D	P	E	M	D	P	E	5	4	4	4.3	4	-
50255	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50256	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50257	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50258	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50259	E	M	D	D	E	M	D	D	E	M	D	P	E	M	4	4	4	4.0	4	-
50260	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50261	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
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 : Isohexane 300 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	M	D	P	E	M	D	P	E	M	D	P	E	M	D	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	E	E	M	D	P	E	M	D	P	E	E	M	D	P	5	4		4.5	3	-
50354	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50355	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50356	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50357	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50358	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50359	P	E	M	D	D	P	E	M	D	D	P	E	M	D	5	5		5.0	3	-
50360	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50361	D	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 : Isohexane 1000 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	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50453	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50454	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50455	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50456	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50457	D	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50458	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50459	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50460	P	E	M	D	P	E	M	D	P	E	M	D	P	E	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	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 : Isohexane 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	E													
	Y													
50152	E													
	Y													
50153	D	P	E	M	D	P	E							
	N	N	N	N	N	N	Y							
50154	E													
	Y													
50155	P	E												
	N	Y												
50156	P	E												
	N	Y												
50157	M	D	D	D	D	D	D	D	D	D	D	D	P	E
	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
50158	P	E												
	N	Y												
50159	E													
	Y													
50160	E													
	Y													
50161	E													
	Y													
50162	P	E												
	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 : Isohexane 100 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50251	P	E												
	N	Y												
50252	E													
	Y													
50253	D	P	E											
	N	N	Y											
50254	M	D	P	E										
	N	N	N	Y										
50255	D	P	E											
	N	N	Y											
50256	P	E												
	N	Y												
50257	M	D	P	E										
	N	N	N	Y										
50258	P	E												
	N	Y												
50259	D	P	E											
	N	N	Y											
50260	P	E												
	N	Y												
50261	P	E												
	N	Y												
50262	P	E												
	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 : Isohexane 300 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50351	P	E												
	N	Y												
50352	D	P	E											
	N	N	Y											
50353	E													
	Y													
50354	M	D	D	E	M	D	P	E						
	N	N	N	N	N	N	N	Y						
50355	P	E												
	N	Y												
50356	E	M	D	D	D	D	D	D	D	D	D	D	D	P
	N	N	N	N	N	N	N	N	N	N	N	N	N	N
50357	P	E												
	N	Y												
50358	D	P	E											
	N	N	Y											
50359	P	E												
	N	Y												
50360	D	P	E											
	N	N	Y											
50361	M	D	P	E										
	N	N	N	Y										
50362	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 : Isohexane 1000 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	M	D	P	E										
	N	N	N	Y										
50453	P	E	M	D	P	E								
	N	N	N	N	N	Y								
50454	E													
	Y													
50455	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
50456	P	E												
	N	Y												
50457	M	D	P	E										
	N	N	N	Y										
50458	D	P	E											
	N	N	Y											
50459	D	P	E											
	N	N	Y											
50460	M	D	P	E										
	N	N	N	Y										
50461	E													
	Y													
50462	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

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 : Isohexane 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	1	50151	+	+	///	///	///	+	+
10102	1	50152	+	-	///	///	///	+	-
10103	7	50153	+	+	///	///	///	+	+
10104	1	50154	+	+	///	///	///	+	+
10105	2	50155	+	+	///	///	///	+	+
10106	2	50156	+	+	///	///	///	+	+
10107	14	50157	+	+	///	///	///	+	+
10108	2	50158	+	+	///	///	///	+	+
10109	1	50159	+	+	///	///	///	+	+
10110	1	50160	+	+	///	///	///	+	+
10111	1	50161	+	+	///	///	///	+	+
10112	2	50162	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.9								
S.D.	3.9								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Isohexane 100 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	2	50251	+	+	///	///	///	+	+
10202	1	50252	+	-	///	///	///	+	-
10203	3	50253	+	+	///	///	///	+	+
10204	4	50254	+	+	///	///	///	+	+
10205	3	50255	+	+	///	///	///	+	+
10206	2	50256	+	+	///	///	///	+	+
10207	4	50257	+	+	///	///	///	+	+
10208	2	50258	+	+	///	///	///	+	+
10209	3	50259	+	+	///	///	///	+	+
10210	2	50260	+	+	///	///	///	+	+
10211	2	50261	+	+	///	///	///	+	+
10212	2	50262	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.5								
S.D.	0.9								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Isohexane 300 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	2	50351	+	+	///	///	///	+	+
10302	3	50352	+	+	///	///	///	+	+
10303	1	50353	+	+	///	///	///	+	+
10304	8	50354	+	+	///	///	///	+	+
10305	2	50355	+	+	///	///	///	+	+
10306	-	50356	-	///	///	///	///	-	///
10307	2	50357	+	+	///	///	///	+	+
10308	3	50358	+	+	///	///	///	+	+
10309	2	50359	+	+	///	///	///	+	+
10310	3	50360	+	+	///	///	///	+	+
10311	4	50361	+	+	///	///	///	+	+
10312	1	50362	+	-	///	///	///	+	-
n	11		12	11		0	0	12	11
Mean	2.8								
S.D.	1.9								
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 : Isohexane 1000 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	4	50452	+	+	///	///	///	+	+
10403	6	50453	+	+	///	///	///	+	+
10404	1	50454	+	+	///	///	///	+	+
10405	-	50455	-	///	///	///	///	-	///
10406	2	50456	+	+	///	///	///	+	+
10407	4	50457	+	+	///	///	///	+	+
10408	3	50458	+	+	///	///	///	+	+
10409	3	50459	+	+	///	///	///	+	+
10410	4	50460	+	+	///	///	///	+	+
10411	1	50461	+	+	///	///	///	+	+
10412	-	50462	-	///	///	///	///	-	///
n	10		12	10		0	0	12	10
Mean	3.0								
S.D.	1.6								
No. of positives			10	10				10	10
%			83.3	100.0				83.3	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Female Dose : Isohexane 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	1	10101	+	+	///	///	///	+	+
50152	1	10102	+	-	///	///	///	+	-
50153	7	10103	+	+	///	///	///	+	+
50154	1	10104	+	+	///	///	///	+	+
50155	2	10105	+	+	///	///	///	+	+
50156	2	10106	+	+	///	///	///	+	+
50157	14	10107	+	+	///	///	///	+	+
50158	2	10108	+	+	///	///	///	+	+
50159	1	10109	+	+	///	///	///	+	+
50160	1	10110	+	+	///	///	///	+	+
50161	1	10111	+	+	///	///	///	+	+
50162	2	10112	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.9								
S.D.	3.9								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Female Dose : Isohexane 100 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	2	10201	+	+	///	///	///	+	+
50252	1	10202	+	-	///	///	///	+	-
50253	3	10203	+	+	///	///	///	+	+
50254	4	10204	+	+	///	///	///	+	+
50255	3	10205	+	+	///	///	///	+	+
50256	2	10206	+	+	///	///	///	+	+
50257	4	10207	+	+	///	///	///	+	+
50258	2	10208	+	+	///	///	///	+	+
50259	3	10209	+	+	///	///	///	+	+
50260	2	10210	+	+	///	///	///	+	+
50261	2	10211	+	+	///	///	///	+	+
50262	2	10212	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.5								
S.D.	0.9								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Female Dose : Isohexane 300 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	2	10301	+	+	///	///	///	+	+
50352	3	10302	+	+	///	///	///	+	+
50353	1	10303	+	+	///	///	///	+	+
50354	8	10304	+	+	///	///	///	+	+
50355	2	10305	+	+	///	///	///	+	+
50356	-	10306	-	///	///	///	///	-	///
50357	2	10307	+	+	///	///	///	+	+
50358	3	10308	+	+	///	///	///	+	+
50359	2	10309	+	+	///	///	///	+	+
50360	3	10310	+	+	///	///	///	+	+
50361	4	10311	+	+	///	///	///	+	+
50362	1	10312	+	-	///	///	///	+	-
n	11		12	11		0	0	12	11
Mean	2.8								
S.D.	1.9								
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 : Isohexane 1000 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	4	10402	+	+	///	///	///	+	+
50453	6	10403	+	+	///	///	///	+	+
50454	1	10404	+	+	///	///	///	+	+
50455	-	10405	-	///	///	///	///	-	///
50456	2	10406	+	+	///	///	///	+	+
50457	4	10407	+	+	///	///	///	+	+
50458	3	10408	+	+	///	///	///	+	+
50459	3	10409	+	+	///	///	///	+	+
50460	4	10410	+	+	///	///	///	+	+
50461	1	10411	+	+	///	///	///	+	+
50462	-	10412	-	///	///	///	///	-	///
n	10		12	10		0	0	12	10
Mean	3.0								
S.D.	1.6								
No. of positives			10	10				10	10
%			83.3	100.0				83.3	100.0

/// : No need to input/measure

Delivery data
Generation : F0 Dose : Isohexane 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(5/11)	93.8	15	3	12	15	0	0	0	0
50153	22	14(7/7)	92.9	13	6	7	13	0	0	0	0
50154	23	13(7/6)	100.0	13	9	4	13	0	0	0	0
50155	23	15(2/13)	100.0	15	9	6	15	0	0	0	0
50156	22	18(10/8)	94.4	17	5	12	17	0	0	0	0
50157	22	17(7/10)	88.2	15	5	9	14	1	0	0	1
50158	23	17(8/9)	94.1	16	3	12	15	0	1	0	1
50160	22	18(7/11)	88.9	16	9	7	16	0	0	0	0
50161	23	17(8/9)	100.0	17	10	7	17	0	0	0	0
50162	22	14(6/8)	100.0	14	6	8	14	0	0	0	0
n	10	10	10	10	10	10	10	10	10	10	10
Mean	22.40	15.9	95.23	15.1	6.5	8.4	14.9	0.1	0.1	0.0	0.2
S.D.	0.52	1.8	4.59	1.4	2.6	2.8	1.4	0.3	0.3	0.0	0.4

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Isohexane 100 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	23	16(9/7)	100.0	16	10	6	16	0	0	0	0
50253	23	16(7/9)	100.0	16	11	5	16	0	0	0	0
50254	22	14(8/6)	92.9	13	4	9	13	0	0	0	0
50255	23	14(8/6)	92.9	13	4	9	13	0	0	0	0
50256	22	13(8/5)	92.3	12	4	8	12	0	0	0	0
50257	22	15(11/4)	93.3	14	9	5	14	0	0	0	0
50258	22	17(7/10)	94.1	16	10	6	16	0	0	0	0
50259	23	20(9/11)	85.0	17	11	6	17	0	0	0	0
50260	22	16(9/7)	93.8	15	8	7	15	0	0	0	0
50261	23	14(8/6)	92.9	13	8	5	13	0	0	0	0
50262	22	17(10/7)	100.0	17	9	8	17	0	0	0	0
n	11	11	11	11	11	11	11	11	11	11	11
Mean	22.45	15.6	94.29	14.7	8.0	6.7	14.7	0.0	0.0	0.0	0.0
S.D.	0.52	2.0	4.42	1.8	2.8	1.6	1.8	0.0	0.0	0.0	0.0

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Isohexane 300 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	19(9/10)	94.7	18	7	11	18	0	0	0	0
50352	22	14(6/8)	92.9	13	6	7	13	0	0	0	0
50353	23	14(8/6)	100.0	14	8	6	14	0	0	0	0
50354	22	16(9/7)	100.0	16	7	9	16	0	0	0	0
50355	22	17(12/5)	94.1	16	6	10	16	0	0	0	0
50357	23	17(11/6)	94.1	16	7	9	16	0	0	0	0
50358	23	16(10/6)	87.5	14	7	7	14	0	0	0	0
50359	23	14(8/6)	92.9	13	6	7	13	0	0	0	0
50360	22	16(11/5)	100.0	16	9	7	16	0	0	0	0
50361	23	18(13/5)	77.8	14	8	6	14	0	0	0	0
n	10	10	10	10	10	10	10	10	10	10	10
Mean	22.50	16.1	93.40	15.0	7.1	7.9	15.0	0.0	0.0	0.0	0.0
S.D.	0.53	1.7	6.77	1.6	1.0	1.7	1.6	0.0	0.0	0.0	0.0

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Isohexane 1000 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	16(11/5)	100.0	16	8	8	16	0	0	0	0
50452	22	15(9/6)	93.3	14	8	6	14	0	0	0	0
50453	22	16(11/5)	100.0	16	11	5	16	0	0	0	0
50454	23	8(0/8)	75.0	6	1	5	6	0	0	0	0
50456	22	14(4/10)	92.9	13	9	4	13	0	0	0	0
50457	23	17(7/10)	100.0	17	4	13	17	0	0	0	0
50458	22	15(8/7)	86.7	13	7	6	13	0	0	0	0
50459	22	15(8/7)	80.0	12	5	7	12	0	0	0	0
50460	23	13(5/8)	92.3	12	4	8	12	0	0	0	0
50461	23	17(6/11)	82.4	14	7	7	14	0	0	0	0
n	10	10	10	10	10	10	10	10	10	10	10
Mean	22.40	14.6	90.26	13.3	6.4	6.9	13.3	0.0	0.0	0.0	0.0
S.D.	0.52	2.6	8.93	3.1	2.9	2.5	3.1	0.0	0.0	0.0	0.0

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data (external examination of offspring)
Generation : F1

Unit : Number of anomalous offspring (incidence %)
Dose : Isohexane 0 mg/kg

Postnatal Day : 0
Species : Rat

Dam No.	Number of offspring examined	/Findings
50151	15	No anomaly
50153	13	No anomaly
50154	13	No anomaly
50155	15	No anomaly
50156	17	No anomaly
50157	14	No anomaly
50158	15	No anomaly
50160	16	No anomaly
50161	17	No anomaly
50162	14	No anomaly
Total	149	
n	10	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring)
Generation : F1

Unit : Number of anomalous offspring (incidence %)
Dose : Isohexane 100 mg/kg

Postnatal Day : 0
Species : Rat

Dam No.	Number of offspring examined	/Findings
50251	16	No anomaly
50253	16	No anomaly
50254	13	No anomaly
50255	13	No anomaly
50256	12	No anomaly
50257	14	No anomaly
50258	16	No anomaly
50259	17	No anomaly
50260	15	No anomaly
50261	13	No anomaly
50262	17	No anomaly
Total	162	
n	11	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring)
Generation : F1

Unit : Number of anomalous offspring (incidence %)
Dose : Isohexane 300 mg/kg

Postnatal Day : 0
Species : Rat

Dam No.	Number of offspring examined	/Findings
50351	18	No anomaly
50352	13	No anomaly
50353	14	No anomaly
50354	16	No anomaly
50355	16	No anomaly
50357	16	No anomaly
50358	14	No anomaly
50359	13	No anomaly
50360	16	No anomaly
50361	14	No anomaly
Total	150	
n	10	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring)
Generation : F1

Unit : Number of anomalous offspring (incidence %)
Dose : Isohexane 1000 mg/kg

Postnatal Day : 0
Species : Rat

Dam No.	Number of offspring examined	/Findings
50451	16	No anomaly
50452	14	No anomaly
50453	16	No anomaly
50454	6	No anomaly
50456	13	No anomaly
50457	17	No anomaly
50458	13	No anomaly
50459	12	No anomaly
50460	12	No anomaly
50461	14	No anomaly
Total	133	
n	10	
Mean		
S.D.		

Mean : Average of incidence (%)

Clinical sign of offspring
Generation : F1 Dose : Isohexane 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50151	Alive :	Male	3	3	3	3	3	3	3	3	3	3	3	3
		Female	12	12	12	12	12	5	5	5	5	5	5	5
	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	3/12	3/12	3/12	3/12	3/12	3/5	3/5	3/5	3/5	3/5	3/5	3/5
50153	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
50154	Alive :	Male	9	9	9	9	9	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	9/4	9/4	9/4	9/4	9/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50155	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
50156	Alive :	Male	5	5	3	0	0							
		Female	12	12	11	3	0							
	Dead :	Dead	0/0/0	0/0/0	2/0/0	3/7/0	0/2/0							
		Unknown	0/0/0	0/0/0	0/1/0	0/1/0	0/1/0							
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0							
		Signs												
		No abnormality	5/12	5/12	0/0	0/0	0/0							
		Milk-band negative	0/0	0/0	3/11	0/3	0/0							
50157	Alive :	Male	5	2	2	2	2	2	2	2	2	2	2	2
		Female	9	4	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	3/5/0	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	5/9	2/4	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Isohexane 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50158	Alive :	Male	3	3	3	3	2	2	2	2	2	2	2	2
		Female	12	12	12	12	12	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	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	3/12	3/12	3/12	3/12	2/12	2/6	2/6	2/6	2/6	2/6	2/6	2/6
50160	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	7	7	7	7	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	0/1/0	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	9/7	9/7	9/7	9/7	9/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50161	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	7	7	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	0/1/0	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	10/7	10/7	10/6	10/6	10/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50162	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	8	8	8	8	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	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
		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	6/7	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 : Isohexane 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day 12	13
50151	Alive :	Male	3	3
		Female	5	5
	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	3/5	3/5
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		
		Female		
	Dead :	Dead		
		Unknown		
		Cannibalism		
		Signs		
		No abnormality		
		Milk-band negative		
50157	Alive :	Male	2	2
		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	2/3	2/3

(/) : Number of offspring Male/Female/Unable to be sexed
Animal No. 50156 : All offspring died by Postnatal Day 4.

Clinical sign of offspring
Generation : F1 Dose : Isohexane 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day 12	13
50158	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
50160	Alive :	Male	4	3
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	1/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	3/4
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 : Isohexane 100 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50251	Alive :	Male	10	10	10	10	10	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	10/6	10/6	10/6	10/6	10/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50253	Alive :	Male	11	11	11	11	11	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	11/5	11/5	11/5	11/5	11/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50254	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	9	9	9	9	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	0/1/0	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	4/9	4/9	4/9	4/9	4/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50255	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
50256	Alive :	Male	4	4	4	4	4	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	4/8	4/8	4/8	4/8	4/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50257	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

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Isohexane 100 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50258	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	6	6	6	6	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	0/1/0	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	10/6	10/6	10/6	10/6	10/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50259	Alive :	Male	11	11	11	11	11	4	4	4	4	4	4	4
		Female	6	6	6	6	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	0/1/0	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	11/6	11/6	11/6	11/6	11/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50260	Alive :	Male	8	8	8	8	8	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	8/7	8/7	8/7	8/7	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50261	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
50262	Alive :	Male	9	9	9	9	8	4	4	4	4	4	4	4
		Female	8	8	8	8	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	1/2/0	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	9/8	9/8	9/8	9/8	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 : Isohexane 100 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
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
50255	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	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
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 : Isohexane 100 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
50261	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 : Isohexane 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50351	Alive :	Male	7	7	7	7	4	4	4	4	4	4	4	4
		Female	11	11	11	11	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	3/6/0	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	7/11	7/11	7/11	7/11	4/5	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	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
50353	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
50354	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
50355	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
50357	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 : Isohexane 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50358	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
50359	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
50360	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
50361	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 : Isohexane 300 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
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

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Isohexane 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day 12	13
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
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

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Isohexane 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50451	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
50452	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
50453	Alive :	Male	11	4	4	4	4	4	4	4	4	4	4	4
		Female	5	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	7/2/0	0/0/0	0/0/0	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	11/5	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
50454	Alive :	Male	1	1	1	1	1	1	1	1	1	1	1	1
		Female	5	5	5	5	5	5	5	5	5	5	5	5
	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	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5
50456	Alive :	Male	9	9	9	9	8	5	5	5	5	5	5	5
		Female	4	4	4	4	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	1/1/0	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	9/4	9/4	9/4	9/4	8/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3
50457	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	13	13	13	13	13	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	4/13	4/13	4/13	4/13	4/13	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 : Isohexane 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day (pre-culled) 0	1	2	3	4	/Postnatal day (post-culled) 5	6	7	8	9	10	11
50458	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
50459	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
50460	Alive :	Male	4	4	4	4	4	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	4/8	4/8	4/8	4/8	4/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50461	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

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Isohexane 1000 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	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	4/3	4/3
50454	Alive :	Male	1	1
		Female	5	5
	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	1/5	1/5
50456	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
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

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Isohexane 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal day 12	13
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	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
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

(/) : Number of offspring Male/Female/Unable to be sexed

Litter size and viability index of offspring

Generation : F1 Dose : Isohexane 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	15	100.0	8	8	100.0
		(3/12)		(3/12)		(3/5)	(3/5)	
50153	Total	13	100.0	13	100.0	8	8	100.0
		(6/7)		(6/7)		(4/4)	(4/4)	
50154	Total	13	100.0	13	100.0	8	8	100.0
		(9/4)		(9/4)		(4/4)	(4/4)	
50155	Total	15	100.0	14	93.3	8	8	100.0
		(9/6)		(8/6)		(4/4)	(4/4)	
50156	Total	17	100.0	0	0.0			
		(5/12)		(0/0)				
50157	Total	14	93.3	5	35.7	5	5	100.0
		(5/9)		(2/3)		(2/3)	(2/3)	
50158	Total	15	93.8	14	93.3	8	8	100.0
		(3/12)		(2/12)		(2/6)	(2/6)	
50160	Total	16	100.0	15	93.8	8	7	87.5
		(9/7)		(9/6)		(4/4)	(3/4)	
50161	Total	17	100.0	16	94.1	8	8	100.0
		(10/7)		(10/6)		(4/4)	(4/4)	
50162	Total	14	100.0	13	92.9	8	8	100.0
		(6/8)		(6/7)		(4/4)	(4/4)	
Total		149		118		69	68	
Male/Female		65/84		55/63		31/38	30/38	
n		10	10	10	10	9	9	9
Mean			98.71		80.31			98.61
S.D.			2.72		34.11			4.17

Litter size and viability index of offspring

Generation : F1 Dose : Isohexane 100 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	16	100.0	16	100.0	8	8	100.0
		(10/6)		(10/6)		(4/4)	(4/4)	
50253	Total	16	100.0	16	100.0	8	8	100.0
		(11/5)		(11/5)		(4/4)	(4/4)	
50254	Total	13	100.0	12	92.3	8	8	100.0
		(4/9)		(4/8)		(4/4)	(4/4)	
50255	Total	13	100.0	13	100.0	8	8	100.0
		(4/9)		(4/9)		(4/4)	(4/4)	
50256	Total	12	100.0	12	100.0	8	8	100.0
		(4/8)		(4/8)		(4/4)	(4/4)	
50257	Total	14	100.0	14	100.0	8	8	100.0
		(9/5)		(9/5)		(4/4)	(4/4)	
50258	Total	16	100.0	15	93.8	8	8	100.0
		(10/6)		(10/5)		(4/4)	(4/4)	
50259	Total	17	100.0	16	94.1	8	8	100.0
		(11/6)		(11/5)		(4/4)	(4/4)	
50260	Total	15	100.0	15	100.0	8	8	100.0
		(8/7)		(8/7)		(4/4)	(4/4)	
50261	Total	13	100.0	13	100.0	8	8	100.0
		(8/5)		(8/5)		(4/4)	(4/4)	
50262	Total	17	100.0	14	82.4	8	8	100.0
		(9/8)		(8/6)		(4/4)	(4/4)	
Total		162		156		88	88	
Male/Female		88/74		87/69		44/44	44/44	
n		11	11	11	11	11	11	11
Mean			100.00		96.60			100.00
S.D.			0.00		5.61			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Isohexane 300 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	18	100.0	9	50.0	8	8	100.0
		(7/11)		(4/5)		(4/4)	(4/4)	
50352	Total	13	100.0	13	100.0	8	8	100.0
		(6/7)		(6/7)		(4/4)	(4/4)	
50353	Total	14	100.0	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
50354	Total	16	100.0	16	100.0	8	8	100.0
		(7/9)		(7/9)		(4/4)	(4/4)	
50355	Total	16	100.0	16	100.0	8	8	100.0
		(6/10)		(6/10)		(4/4)	(4/4)	
50357	Total	16	100.0	16	100.0	8	8	100.0
		(7/9)		(7/9)		(4/4)	(4/4)	
50358	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
50359	Total	13	100.0	13	100.0	8	8	100.0
		(6/7)		(6/7)		(4/4)	(4/4)	
50360	Total	16	100.0	16	100.0	8	8	100.0
		(9/7)		(9/7)		(4/4)	(4/4)	
50361	Total	14	100.0	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
Total		150		141		80	80	
Male/Female		71/79		68/73		40/40	40/40	
n		10	10	10	10	10	10	10
Mean			100.00		95.00			100.00
S.D.			0.00		15.81			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Isohexane 1000 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
		(8/8)		(8/8)		(4/4)	(4/4)	
50452	Total	14	100.0	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
50453	Total	16	100.0	7	43.8	7	7	100.0
		(11/5)		(4/3)		(4/3)	(4/3)	
50454	Total	6	100.0	6	100.0	6	6	100.0
		(1/5)		(1/5)		(1/5)	(1/5)	
50456	Total	13	100.0	11	84.6	8	8	100.0
		(9/4)		(8/3)		(5/3)	(5/3)	
50457	Total	17	100.0	17	100.0	8	8	100.0
		(4/13)		(4/13)		(4/4)	(4/4)	
50458	Total	13	100.0	13	100.0	8	8	100.0
		(7/6)		(7/6)		(4/4)	(4/4)	
50459	Total	12	100.0	12	100.0	8	8	100.0
		(5/7)		(5/7)		(4/4)	(4/4)	
50460	Total	12	100.0	12	100.0	8	8	100.0
		(4/8)		(4/8)		(4/4)	(4/4)	
50461	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
Total		133		122		77	77	
Male/Female		64/69		56/66		38/39	38/39	
n		10	10	10	10	10	10	10
Mean			100.00		92.84			100.00
S.D.			0.00		17.90			0.00

Litter data on body weight of offspring

Generation : F1 Dose : Isohexane 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	3	5.97	3	9.47	3	16.90	3	34.57
	Female	12	5.81	12	8.83	5	16.20	5	34.04
50153	Male	6	6.33	6	9.78	4	16.90	4	32.65
	Female	7	6.20	7	9.49	4	16.50	4	32.35
50154	Male	9	6.72	9	10.43	4	17.55	4	32.20
	Female	4	6.25	4	10.13	4	16.30	4	30.75
50155	Male	9	6.61	8	10.34	4	19.35	4	36.78
	Female	6	6.35	6	10.02	4	17.85	4	35.05
50156	Male	5	6.30	0		0		0	
	Female	12	5.95	0		0		0	
50157	Male	5	5.44	2	8.30	2	13.80	2	28.05
	Female	9	5.11	3	8.97	3	14.57	3	28.83
50158	Male	3	7.87	2	11.40	2	19.25	2	35.00
	Female	12	6.85	12	10.43	6	18.52	6	34.33
50160	Male	9	5.94	9	7.48	4	13.03	3	32.57
	Female	7	5.64	6	7.88	4	14.63	4	32.13
50161	Male	10	7.15	10	10.79	4	17.48	4	35.90
	Female	7	6.71	6	10.37	4	16.75	4	35.23
50162	Male	6	7.15	6	10.77	4	17.78	4	34.50
	Female	8	6.59	7	10.29	4	17.75	4	33.38
n	Male	65		55		31		30	
	Female	84		63		38		38	
Mean	Male		6.548		9.862		16.893		33.580
	Female		6.146		9.601		16.563		32.899
S.D.	Male		0.711		1.269		2.169		2.594
	Female		0.532		0.879		1.362		2.113

Animal No. 50156 : All offspring died by Postnatal Day 4.

Litter data on body weight of offspring

Generation : F1 Dose : Isohexane 100 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	10	6.48	10	9.90	4	18.38	4	35.45
	Female	6	6.55	6	10.37	4	18.23	4	35.38
50253	Male	11	7.43	11	11.08	4	19.03	4	35.63
	Female	5	6.82	5	10.18	4	17.73	4	33.70
50254	Male	4	5.80	4	9.85	4	16.58	4	30.98
	Female	9	5.29	8	9.46	4	16.85	4	31.05
50255	Male	4	7.68	4	12.18	4	20.43	4	37.28
	Female	9	7.28	9	11.84	4	19.20	4	35.10
50256	Male	4	7.05	4	9.85	4	16.33	4	31.03
	Female	8	6.44	8	9.33	4	15.90	4	29.85
50257	Male	9	6.41	9	10.24	4	18.30	4	33.55
	Female	5	5.72	5	9.16	4	15.80	4	30.90
50258	Male	10	5.96	10	7.39	4	13.50	4	28.25
	Female	6	5.65	5	7.40	4	12.63	4	26.78
50259	Male	11	6.34	11	9.94	4	17.68	4	34.68
	Female	6	5.95	5	9.00	4	15.55	4	30.75
50260	Male	8	6.78	8	10.56	4	18.30	4	33.38
	Female	7	6.16	7	9.71	4	17.40	4	32.45
50261	Male	8	7.74	8	11.96	4	21.15	4	38.28
	Female	5	7.20	5	10.74	4	19.20	4	35.78
50262	Male	9	5.93	8	9.24	4	16.85	4	32.48
	Female	8	5.58	6	9.12	4	16.38	4	32.85
n	Male	88		87		44		44	
	Female	74		69		44		44	
Mean	Male		6.691		10.199		17.866		33.726
	Female		6.240		9.665		16.806		32.235
S.D.	Male		0.701		1.309		2.086		2.956
	Female		0.673		1.137		1.890		2.722

Litter data on body weight of offspring

Generation : F1 Dose : Isohexane 300 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	7	5.56	4	8.23	4	13.13	4	28.18
	Female	11	5.50	5	8.22	4	13.95	4	29.30
50352	Male	6	6.77	6	10.45	4	18.30	4	34.30
	Female	7	6.69	7	10.43	4	17.83	4	34.43
50353	Male	8	7.75	8	12.14	4	20.63	4	38.15
	Female	6	7.02	6	10.98	4	18.50	4	35.48
50354	Male	7	6.43	7	9.53	4	16.40	4	33.58
	Female	9	6.16	9	9.07	4	15.50	4	31.83
50355	Male	6	6.60	6	9.97	4	17.98	4	35.48
	Female	10	6.41	10	9.69	4	17.45	4	34.30
50357	Male	7	7.26	7	11.29	4	19.93	4	36.75
	Female	9	6.80	9	10.81	4	19.75	4	35.85
50358	Male	7	7.34	7	12.21	4	21.20	4	36.90
	Female	7	6.74	7	11.61	4	20.23	4	35.85
50359	Male	6	6.60	6	10.58	4	17.85	4	33.85
	Female	7	6.61	7	10.57	4	17.68	4	33.50
50360	Male	9	6.78	9	9.86	4	17.38	4	34.00
	Female	7	6.27	7	9.34	4	16.50	4	33.10
50361	Male	8	7.24	8	11.81	4	21.68	4	41.18
	Female	6	6.88	6	11.33	4	19.73	4	38.53
n	Male	71		68		40		40	
	Female	79		73		40		40	
Mean	Male		6.833		10.607		18.448		35.237
	Female		6.508		10.205		17.712		34.217
S.D.	Male		0.610		1.275		2.565		3.429
	Female		0.446		1.087		1.994		2.521

Litter data on body weight of offspring

Generation : F1 Dose : Isohexane 1000 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	8	6.30	8	9.14	4	17.10	4	33.83
	Female	8	5.45	8	8.04	4	14.35	4	29.70
50452	Male	8	5.74	8	9.38	4	16.83	4	32.45
	Female	6	5.63	6	9.32	4	16.58	4	32.05
50453	Male	11	5.47	4	8.03	4	13.60	4	30.08
	Female	5	5.26	3	8.23	3	14.27	3	30.77
50454	Male	1	7.70	1	15.70	1	24.20	1	40.00
	Female	5	7.66	5	15.14	5	22.66	5	38.88
50456	Male	9	6.09	8	10.00	5	16.40	5	31.52
	Female	4	5.60	3	9.83	3	16.13	3	30.73
50457	Male	4	6.65	4	9.18	4	15.43	4	33.23
	Female	13	6.18	13	8.66	4	15.68	4	32.45
50458	Male	7	6.27	7	10.34	4	18.25	4	34.55
	Female	6	5.65	6	9.05	4	16.60	4	32.40
50459	Male	5	6.24	5	9.46	4	16.13	4	31.13
	Female	7	6.03	7	9.14	4	15.38	4	30.38
50460	Male	4	6.88	4	11.45	4	18.33	4	34.25
	Female	8	7.01	8	11.24	4	17.90	4	32.83
50461	Male	7	7.99	7	13.21	4	21.78	4	39.90
	Female	7	7.90	7	13.24	4	21.70	4	39.95
n	Male	64		56		38		38	
	Female	69		66		39		39	
Mean	Male		6.533		10.589		17.805		34.094
	Female		6.237		10.189		17.125		33.014
S.D.	Male		0.802		2.298		3.104		3.397
	Female		0.950		2.333		2.881		3.533

Litter data on anogenital distance of offspring

Generation : F1 Dose : Isohexane 0 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/3√BW
50151	Male	3	5.680	2.693
	Female	12	2.529	1.225
50153	Male	6	5.097	2.385
	Female	7	2.813	1.329
50154	Male	9	5.649	2.586
	Female	4	2.665	1.233
50155	Male	8	5.370	2.468
	Female	6	2.810	1.305
50156	Male	0		
	Female	0		
50157	Male	2	4.580	2.265
	Female	3	2.423	1.170
50158	Male	2	6.295	2.800
	Female	12	2.708	1.239
50160	Male	9	5.271	2.701
	Female	6	2.467	1.240
50161	Male	10	5.916	2.678
	Female	6	2.698	1.238
50162	Male	6	5.642	2.557
	Female	7	2.620	1.206
n	Male	55		
	Female	63		
Mean	Male		5.5000	2.5703
	Female		2.6370	1.2428
S.D.	Male		0.4947	0.1714
	Female		0.1401	0.0480

AGD : Anogenital Distance

Animal No. 50156 : All offspring died by Postnatal Day 4.

Litter data on anogenital distance of offspring

Generation : F1 Dose : Isohexane 100 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/3√BW
50251	Male	10	5.694	2.655
	Female	6	2.618	1.202
50253	Male	11	5.745	2.577
	Female	5	2.754	1.268
50254	Male	4	5.655	2.640
	Female	8	2.659	1.256
50255	Male	4	6.020	2.615
	Female	9	2.877	1.262
50256	Male	4	5.990	2.793
	Female	8	2.630	1.250
50257	Male	9	5.422	2.500
	Female	5	2.226	1.064
50258	Male	10	5.007	2.574
	Female	5	2.426	1.246
50259	Male	11	5.811	2.705
	Female	5	2.606	1.254
50260	Male	8	5.644	2.573
	Female	7	2.696	1.260
50261	Male	8	5.999	2.624
	Female	5	2.486	1.124
50262	Male	8	5.483	2.619
	Female	6	2.817	1.350
n	Male	87		
	Female	69		
Mean	Male		5.6791	2.6250
	Female		2.6177	1.2305
S.D.	Male		0.2992	0.0769
	Female		0.1847	0.0770

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : Isohexane 300 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/3√BW
50351	Male	4	5.513	2.733
	Female	5	2.594	1.286
50352	Male	6	5.638	2.580
	Female	7	2.500	1.147
50353	Male	8	6.231	2.714
	Female	6	3.003	1.352
50354	Male	7	5.584	2.634
	Female	9	2.578	1.234
50355	Male	6	5.735	2.667
	Female	10	2.804	1.317
50357	Male	7	5.986	2.667
	Female	9	2.724	1.231
50358	Male	7	5.747	2.499
	Female	7	2.737	1.209
50359	Male	6	5.530	2.522
	Female	7	2.671	1.219
50360	Male	9	5.577	2.601
	Female	7	2.663	1.266
50361	Male	8	5.728	2.519
	Female	6	2.838	1.263
n	Male	68		
	Female	73		
Mean	Male		5.7269	2.6136
	Female		2.7112	1.2524
S.D.	Male		0.2253	0.0831
	Female		0.1456	0.0581

AGD : Anogenital Distance

Litter data on anogenital distance of offspring
Generation : F1 Dose : Isohexane 1000 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/3√BW
50451	Male	8	5.523	2.644
	Female	8	2.533	1.265
50452	Male	8	5.244	2.490
	Female	6	2.565	1.218
50453	Male	4	5.210	2.603
	Female	3	2.263	1.123
50454	Male	1	6.420	2.560
	Female	5	3.228	1.304
50456	Male	8	5.514	2.563
	Female	3	2.910	1.357
50457	Male	4	4.910	2.348
	Female	13	2.476	1.206
50458	Male	7	5.529	2.537
	Female	6	2.437	1.170
50459	Male	5	5.278	2.496
	Female	7	2.311	1.106
50460	Male	4	5.948	2.643
	Female	8	2.620	1.169
50461	Male	7	6.690	2.831
	Female	7	3.433	1.449
n	Male	56		
	Female	66		
Mean	Male		5.6266	2.5715
	Female		2.6776	1.2367
S.D.	Male		0.5629	0.1258
	Female		0.3901	0.1081

AGD : Anogenital Distance

Litter data on nipple retention of male offspring

Generation : F1 Dose : Isohexane 0 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50151	Male	3	0.0
50153	Male	4	0.0
50154	Male	4	0.0
50155	Male	4	0.0
50156	Male	0	
50157	Male	2	0.0
50158	Male	2	0.0
50160	Male	3	0.0
50161	Male	4	0.0
50162	Male	4	0.0
n	Male	30	
Mean			0.00
S.D.			0.00

Animal No. 50156 : All offspring died by Postnatal Day 4.

Litter data on nipple retention of male offspring

Generation : F1 Dose : Isohexane 100 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50251	Male	4	0.0
50253	Male	4	0.0
50254	Male	4	0.0
50255	Male	4	0.0
50256	Male	4	0.0
50257	Male	4	0.0
50258	Male	4	0.0
50259	Male	4	0.0
50260	Male	4	0.0
50261	Male	4	0.0
50262	Male	4	0.0
n	Male	44	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Isohexane 300 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
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
n	Male	40	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Isohexane 1000 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	1	0.0
50456	Male	5	0.0
50457	Male	4	0.0
50458	Male	4	0.0
50459	Male	4	0.0
50460	Male	4	0.0
50461	Male	4	0.0
n	Male	38	
Mean			0.00
S.D.			0.00

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal Day 13
Dose : Isohexane 0 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50151	41.5
50153	44.0
50154	48.6
50155	44.2
50157	28.9
50158	39.8
50160	36.8
50161	42.1
50162	43.7
n	9
Mean	41.07
S.D.	5.60

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal Day 13
Dose : Isohexane 100 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50251	38.6
50253	39.6
50254	39.3
50255	32.8
50256	42.6
50257	36.7
50258	34.9
50259	40.5
50260	39.1
50261	45.4
50262	34.3
n	11
Mean	38.53
S.D.	3.70

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal Day 13
Dose : Isohexane 300 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50351	39.4
50352	44.0
50353	39.3
50354	35.9
50355	44.4
50357	40.1
50358	38.1
50359	42.5
50360	46.8
50361	36.5
n	10
Mean	40.70
S.D.	3.60

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal Day 13
Dose : Isohexane 1000 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50451	45.3
50452	34.5
50453	33.2
50454	48.4
50456	45.4
50457	40.7
50458	48.3
50459	47.3
50460	43.0
50461	48.8
n	10
Mean	43.49
S.D.	5.69

Necropsy findings of offspring
Generation : F1 Dose : Isohexane 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	
50153	8	Absent	0	
50154	8	Absent	0	
50155	8	Absent	0	
50156	0		14	Absent (Day 2, 2; Day 3, 10; Day 4, 2)
50157	5	Absent	1	Absent (Day 0)
50158	8	Absent	1	Absent (Day 0)
50160	7	Absent	0	
50161	8	Absent	0	
50162	8	Absent	1	Absent (Day 4)
Total	68		17	
n	9		4	

Animal No. 50156 : All offspring died by Postnatal Day 4.

Necropsy findings of offspring

Generation : F1 Dose : Isohexane 100 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	0	
50253	8	Absent	0	
50254	8	Absent	0	
50255	8	Absent	0	
50256	8	Absent	0	
50257	8	Absent	0	
50258	8	Absent	0	
50259	8	Absent	0	
50260	8	Absent	0	
50261	8	Absent	0	
50262	8	Absent	0	
Total	88		0	
n	11		0	

Necropsy findings of offspring
Generation : F1 Dose : Isohexane 300 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	0	
50355	8	Absent	0	
50357	8	Absent	0	
50358	8	Absent	0	
50359	8	Absent	0	
50360	8	Absent	0	
50361	8	Absent	0	
Total	80		0	
n	10		0	

Necropsy findings of offspring
Generation : F1 Dose : Isohexane 1000 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	7	Absent	0	
50454	6	Absent	0	
50456	8	Absent	0	
50457	8	Absent	0	
50458	8	Absent	0	
50459	8	Absent	0	
50460	8	Absent	0	
50461	8	Absent	0	
Total	77		0	
n	10		0	

Annex 1

[redacted]

試験成績書

2020年10月13日

[redacted]

製品名：Isohexane (mixture of isomeric branched chain Hexanes)				
[redacted] CAS RN：73513-42-5	等級：	[redacted]	判定：合格	

項目	結果	規格値
外観	無色透明液体	無色～ほとんど無色透明液体
純度(GC)	99.7 %	98.0% 以上(異性体合計)

製品ラベルに記載された弊社のロット番号は、半角のアルファベットと数字の組み合わせで4桁又は5桁です。それ以降は、社内管理用の記号となります。
規格の内容は予告なく変更する場合があります。本書面に掲載されている内容が最新です。製品に貼付されているラベルの内容と異なる場合がありますが、製品自体の品質は最新の 規格を満たしています。

最終報告書

試験名

調製液中のイソヘキサンの安定性試験および濃度確認試験

著 者
[redacted]

試験終了日
2021年2月26日

試験施設
株式会社日曹分析センター 小田原事業所
〒250-0216 神奈川県小田原市高田345

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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試験番号
NCAS 20-173

TRUE COPY OF ORIGINAL
3/1/21

GLP 適合陳述書

試験番号： NCAS 20-173

試験名： 調製液中のイソヘキサンの安定性試験および濃度確認試験

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 2 月 26 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 20-173
試験名：調製液中のイソヘキサンの安定性試験および濃度確認試験

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	10/28/2020	10/29/2020
試験計画書変更届 1	11/11/2020	11/11/2020
実験操作		
・赤外吸収スペクトル測定	10/29-30/2020	11/4/2020
・標準原液の調製	10/29-30/2020	11/4/2020
・標準溶液の調製	10/29-30/2020	11/4/2020
・GC 測定	10/29-30/2020	11/4/2020
・模擬調製液の調製	10/29-30/2020	11/4/2020
・被験溶液の調製（安定性確認）	10/29-30/2020	11/4/2020
・分析試料の受領	11/24-25/2020	11/26/2020
・被験溶液の調製（濃度測定）	11/24-25/2020	11/26/2020
生データおよび試験関連資料	2/10-16/2021	2/19/2021
報告書草案	2/10-16, 19/2021	2/19/2021
最終報告書	2/26/2021	2/26/2021

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 2 月 26 日

株式会社日曹分析センター（NCAS）

試験情報

試験番号： NCAS 20-173
試験名： 調製液中のイソヘキサンの安定性試験および濃度確認試験
報告書番号： NCAS 20-173

試験委託者： 株式会社化合物安全性研究所 安全性研究部
〒004-0839 北海道札幌市清田区真栄 363 番地 24

試験施設： 株式会社日曹分析センター 小田原事業所
〒250-0216 神奈川県小田原市高田 345
TEL 0465-42-3115 FAX 0465-42-3586

試験責任者：
試験従事者： [redacted](IR 測定)、[redacted](安定性試験、濃度測定)

試験開始日： 2020 年 10 月 28 日
実験開始日： 2020 年 10 月 29 日
実験終了日： 2021 年 2 月 2 日
試験終了日： 2021 年 2 月 26 日

適用ガイドライン：なし

関連する試験： 試験番号 SR20236；イソヘキサンのラットにおける反復経口投与毒性・生殖発生毒性併合試験
試験番号 NCAS 20-172NG；調製液中のイソヘキサ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、調製液中のイソヘキサンの安定性試験および濃度確認試験を実施した。

2020 年 10 月 29 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。

調製液中のイソヘキサンの安定性を確認するため、2 mg/mL および 200 mg/mL 模擬調製液を 2020 年 10 月 29 日に試験施設で調製し、ガスクロマトグラフ(GC)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冷蔵で 10 日間および室温で 6 時間保存した。2020 年 11 月 9 日に GC 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、2 mg/mL 模擬調製液の残存率は 94.1%、200 mg/mL 模擬調製液の残存率は 94.1%であり、判定基準（100%±15%以内）を満たした。

以上の結果、調製液中のイソヘキサンは調製後、冷蔵保存 10 日間および室温保管 6 時間後まで安定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 SR20236）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 11 月 24 日および 2020 年 12 月 21 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、GC を用いて行った。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）。

以上の結果、調製液中のイソヘキサンが設定濃度に調製されていることを確認した。

試験委託者が実施する毒性試験（委託者試験番号 SR20236）における最終投与日以降の 2021 年 2 月 2 日に、測定対象物質の IR スペクトルを測定し、2020 年 10 月 29 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)	Determined concentration		Criteria	
		Mean (mg/mL)	RSD* (%)	Mean conc. (mg/mL)	RSD* (%)
November 24, 2020	20	18.29	0.9	20±3	≦15
	60	58.86	1.9	60±9	≦15
	200	198.8	0.4	200±30	≦15
December 21, 2020	20	17.28	1.2	20±3	≦15
	60	56.94	4.6	60±9	≦15
	200	181.3	12.4	200±30	≦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、調製液中のイソヘキサンの安定性試験・濃度確認およびイソヘキサンの同一性確認・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：	イソヘキサン
英名：	Isohexane (mixture of isomeric branched chain Hexanes)
CAS No.：	73513-42-5
分子式：	C_6H_{14}
分子量：	86.18
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
入手量：	334 g
NCAS 検索番号：	STD-1730
保存条件：	室温、褐色ガラス瓶

2. 試薬および機器

トウモロコシ油：	試薬(Reagent)、ナカライテスク株式会社
アセトン：	HPLC 用、富士フイルム和光純薬(株)
天秤：	XP205、メトラー・トレド(株)
冷凍冷蔵庫：	FKEX-5000、日本フリーザー(株)
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：	1-10 mL、Eppendorf Research V
	20-200 µL、Eppendorf Research plus
	100-1000 µL、Gilson microman

フーリエ変換赤外分光光度計 (FT-IR)：Spectrum One、PerkinElmer(株)
ガスクロマトグラフ (GC)：Agilent 7890 GC、Agilent Technologies

水素発生装置：	NM-H100、(株)エアーテック
カラム：	TC-5、60 m×0.25 mm i.d.、膜厚 1.0 µm、Lot No.S0210D19、GL Sciences Inc.

3. 調製液

2020 年 11 月 24 日および 2020 年 12 月 21 日に、毒性試験施設で調製した 20、60 および 200 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11月22日	2020年11月24日
最終回調製	2020年12月18日	2020年12月21日

4. 実験操作

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10月29日に、次の条件でIRスペクトルを測定した。測定は室温で実施した。

<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： 1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SR20236）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2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. GC条件

GC： Agilent 7890 GC
カラム： TC-5、60 m×0.25 mm i.d.、膜厚1.0 μm、GL Sciences Inc.
注入方法： スプリット（スプリット比 20:1）
注入口温度： 250 °C
注入量： 1 μL
検出器： FID
検出器温度： 300 °C
検出器ガス： 水素 30 mL/min、空気 400 mL/min
メークアップガス： ヘリウム 19.2 mL/min
キャリアガス： ヘリウム 1.8 mL/min
オーブン温度： 初期温度30 °C（6分間保持）、昇温30→60 °C（2 °C/min）、
昇温60→250 °C（50 °C/min）、最終温度250 °C（5分間保持）

4.4. 標準溶液の調製

測定対象物質約100 mgを10 mL容メスフラスコに秤量し、アセトンを加えて溶解および定容し、標準原液No. ST10000を調製した。この液を次表に従いアセトンで希釈して標準溶液No. SS10～SS200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 (mg/L)
	No.	Volume (mL)		
SS10 (mmdd)	SS100 (mmdd)	2	20	10
SS25 (mmdd)	SS100 (mmdd)	5	20	25
SS50 (mmdd)	SS100 (mmdd)	10	20	50
SS100 (mmdd)	ST10000 (mmdd)	1	100	100
SS200 (mmdd)	ST10000 (mmdd)	1	50	200

4.5. 検量線

標準溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。得られたピーク面積を縦軸に、測定対象物質濃度(mg/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 切片及び相関係数(r)を算出した。計算には Microsoft Office Excel 2010 (SP2 MSO)を用いた。

4.6. 調製液中のイソヘキサンの濃度測定

3 項の調製液を以下のように希釈して被験溶液を調製した。別に、トウモロコシ油 1 mL にアセトンを加えて 20 mL として対照溶液とした(n=1)。調製液およびトウモロコシ油にアセトンを加えて定容した後、均一にするために十分に転倒混和した。

<u>20 mg/mL 調製液</u>

20 mg/mL 調製液 1 mL にアセトンを加えて 200 mL として被験溶液とした。 (n=2、200 倍希釈)

<u>60 mg/mL 調製液</u>

60 mg/mL 調製液 1 mL にアセトンを加えて 20 mL として被験溶液とした。この液 1 mL にアセトンを加えて 25 mL として被験溶液とした。 (n=2、500 倍希釈)

<u>200 mg/mL 調製液</u>

200 mg/mL 調製液 1 mL にアセトンを加えて 20 mL とした。この液 1 mL にアセトンを加えて 100 mL として被験溶液とした。 (n=2、2000 倍希釈)

被験溶液および対照溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。予め作成した検量線より、被験溶液中の測定対象物質濃度を算出した。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。

Received date	Dosing solution		Dilution factor	Test solution (mg/L)	
	Nominal conc. (mg/mL)	No.		Nominal conc. (mg/L)	No.
November 24, 2020	20	P1	200	100	P1-1, P1-2
	60	P2	500	120	P2-1, P2-2
	200	P3	2000	100	P3-1, P3-2
December 21, 2020	20	P4	200	100	P4-1, P4-2
	60	P5	500	120	P5-1, P5-2
	200	P6	2000	100	P6-1, P6-2

$$\text{調製液中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の測定対象物質濃度 (mg/L)} \times \text{希釈倍率}}{1000}$$

4.7. 調製液中のイソヘキサンの安定性確認

測定対象物質の 43.44 mg および 4030.02 mg をそれぞれ 20 mL 容メスフラスコに秤量し、トウモロコシ油を加えて溶解および定容し、2 mg/mL 模擬調製液 No. DS2 および 200 mg/mL 模擬調製液 No. DS200 を調製した。模擬調製液を次のように希釈して被験溶液を調製した。別に、トウモロコシ油 1 mL にアセトンを加えて 20 mL として対照溶液を調製した(n=1)。

なお、模擬調製液およびトウモロコシ油 1 mL を分取後にアセトンを加えて定容した際に、均一にするために転倒混和した。

2 mg/mL 模擬調製液

2 mg/mL 模擬調製液 1 mL にアセトンを加えて 20 mL として被験溶液とした。（n=2、20 倍希釈）

200 mg/mL 模擬調製液

200 mg/mL 模擬調製液 1 mL にアセトンを加えて 20 mL とした。この液 1 mL にアセトンを加えて 100 mL として被験溶液とした。（n=2、2000 倍希釈）

被験溶液および対照溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。予め作成した検量線より、被験溶液中の測定対象物質濃度を算出した。濃度の有効数字は 4 桁とした。次式を用いて調製直後の模擬調製液中の測定対象物質濃度を求めた。

$$\text{模擬調製液中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の測定対象物質濃度 (mg/L)} \times \text{希釈倍率}}{1000}$$

2 mg/mL および 200 mg/mL 模擬調製液を冷蔵 10 日間および室温 6 時間保存した。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。

$$\text{残存率 (\%)} = \frac{\text{保存後の測定対象物質平均濃度}}{\text{調製直後の測定対象物質平均濃度}} \times 100$$

結果および考察

イソヘキサンの同一性確認・安定性確認および調製液中のイソヘキサンの安定性試験・濃度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10月29日に測定した測定対象物質のIRスペクトルをFig. 1に示す。委託者提供のIRスペクトルをFig. 2に示す。両者のスペクトルは一致しており、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SR20236）における最終投与日以降である2021年2月2日に測定した測定対象物質のIRスペクトルをFig. 3に示す。2020年10月29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。

調製液中のイソヘキサンの安定性確認

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. 4に示す。アセトンのクロマトグラム例をFig. 5に示す。標準溶液のクロマトグラム例をFig. 6～Fig. 10に示す。対照溶液のクロマトグラム例をFig. 11に示す。被験溶液のクロマトグラム例をFig. 12～Fig. 15に示す。

模擬調製液を冷蔵（3.9～4.9 ℃）で10日間、室温（19.9～20.6 ℃）で6時間保存した結果、2 mg/mL模擬調製液の残存率は94.1%、200 mg/mL模擬調製液の残存率は94.1%であり、判定基準（100%±15%以内）を満たした。

以上の結果、調製液中のイソヘキサンは調製後、冷蔵10日間および室温6時間後まで安定であることを確認した。

調製液中のイソヘキサンの濃度測定

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. 16～Fig. 18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、調製液中のイソヘキサンが設定濃度に調製されていることを確認した。

結論

本試験において、FT-IR(ATR法)を用いてイソヘキサンの同一性および安定性を確認した。また、GCを用いて調製液中のイソヘキサンが設定濃度に調製されていること、および安定性（冷蔵保存10日間および室温保存6時間安定）を確認した。

Table 1 Results of the standard solutions

Experiment	Standard solution No.	Concentration (mg/L)	Peak area	Regression equation Correlation coefficient
Stability of the isohexane concentration in the dosing solution	SS10 (1029)	10.28	6.4752	Regression equation: y = 0.6290 x − 0.8375 Correlation coefficient: 0.9996 (analyzed date: October 29, 2020)
	SS25 (1029)	25.70	15.6984	
	SS50 (1029)	51.40	31.5005	
	SS100 (1029)	102.8	61.5367	
	SS200 (1029)	205.6	129.5170	
	SS10 (1109)	10.35	6.4441	Regression equation: y = 0.6105 x + 0.6639 Correlation coefficient: 0.9999 (analyzed date: November 9, 2020)
	SS25 (1109)	25.87	16.2695	
	SS50 (1109)	51.75	32.5961	
	SS100 (1109)	103.5	64.6956	
	SS200 (1109)	207.0	126.5763	
Determination of the isohexane concentration in the dosing solution	SS10 (1124)	10.80	6.3829	Regression equation: y = 0.5573 x + 1.057 Correlation coefficient: 0.9998 (analyzed date: November 24, 2020)
	SS25 (1124)	27.00	15.7167	
	SS50 (1124)	54.00	31.7236	
	SS100 (1124)	108.0	62.3784	
	SS200 (1124)	216.0	120.8051	
	SS10 (1221)	10.26	5.7804	Regression equation: y = 0.5357 x + 0.4797 Correlation coefficient: 0.9989 (analyzed date: December 21, 2020)
	SS25 (1221)	25.65	14.6819	
	SS50 (1221)	51.30	25.6300	
	SS100 (1221)	102.6	58.4951	
	SS200 (1221)	205.2	109.4051	

Table 2 Results of the stability of the test article (Isohexane) concentrations in the dosing solutions

Test solution No.	Storage	Prepared conc. (mg/mL)	Dilution factor	Peak area	Detected conc. (mg/L)	Determined conc. (mg/mL) Individual	Determined conc. (mg/mL) Mean	Residual rate (%)
DS2-1	Before*	2.172	20	66.7242	107.4	2.148	2.141	94.1
DS2-2				66.2933	106.7	2.135		
DS2-3	After*			62.2030	100.8	2.016	2.016	
DS2-4				62.1886	100.8	2.015		
DS200-1	Before*	201.5	2000	62.3901	100.5	201.0	200.2	94.1
DS200-2				61.8666	99.69	199.4		
DS200-3	After*			57.9079	93.76	187.5	188.5	
DS200-4				58.4904	94.71	189.4		

*Before: October 29, 2020, After: November 9, 2020

$$\text{Residual rate (\%)} = \frac{\text{Isohexane concentration after storage}}{\text{Isohexane concentration before storage}} \times 100$$

Table 3 Results of the determination of the test article (Isohexane) concentrations in the dosing solutions

Received date	Test solution No.	Nominal conc. (mg/mL)	Dilution factor	Peak area	Detected conc. (mg/L)	Determined conc. Individual (mg/mL)	Determined conc. Mean (mg/mL)	Determined conc. RSD (%)	Criteria Mean (mg/mL)	Criteria RSD (%)
November 24, 2020	P1-1	20	200	51.7041	90.87	18.17	18.29	0.9	20 ± 3	≦15
	P1-2			52.3340	92.00	18.40				
	P2-1	60	500	65.7857	116.1	58.07	58.86	1.9	60 ± 9	≦15
	P2-2			67.5527	119.3	59.65				
	P3-1	200	2000	56.3028	99.12	198.2	198.8	0.4	200 ± 30	≦15
	P3-2			56.6079	99.67	199.3				
December 21, 2020	P4-1	20	200	47.1539	87.12	17.42	17.28	1.2	20 ± 3	≦15
	P4-2			46.3583	85.64	17.13				
	P5-1	60	500	63.4639	117.6	58.78	56.94	4.6	60 ± 9	≦15
	P5-2			59.5102	110.2	55.09				
	P6-1	200	2000	53.3096	98.61	197.2	181.3	12.4	200 ± 30	≦15
	P6-2			44.7706	82.68	165.4				

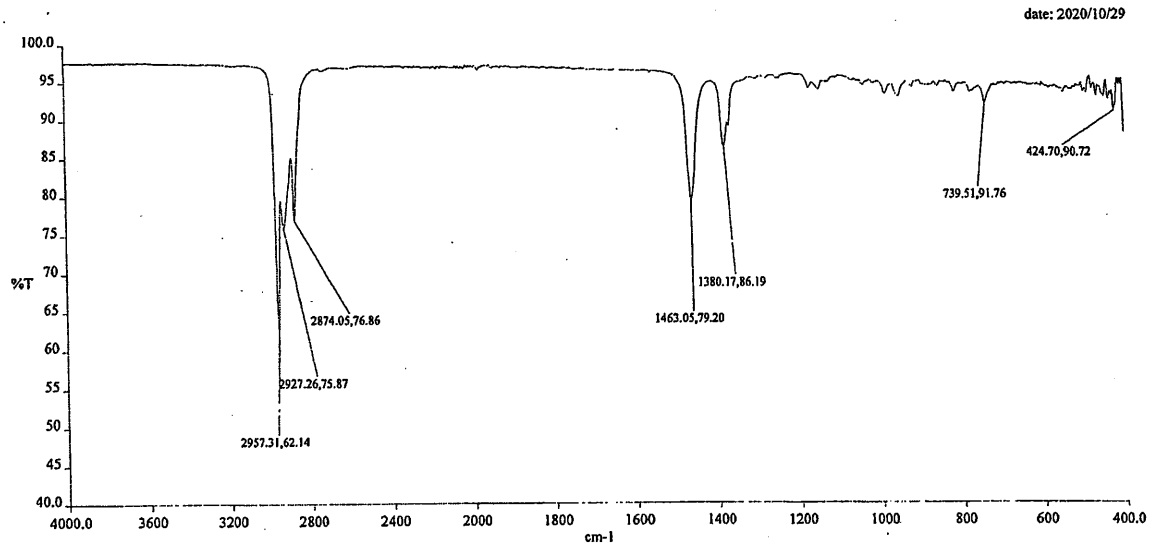


Fig. 1 IR spectrum of the test article for the identity test (analyzed date: October 29, 2020).

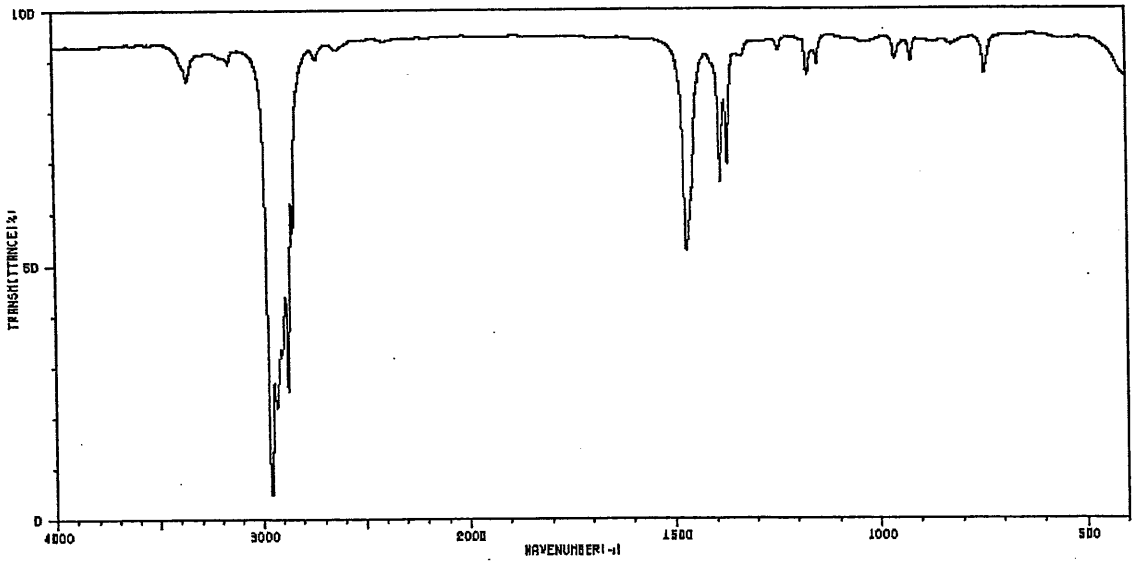


Fig. 2 IR spectrum of the test article provided by the sponsor.

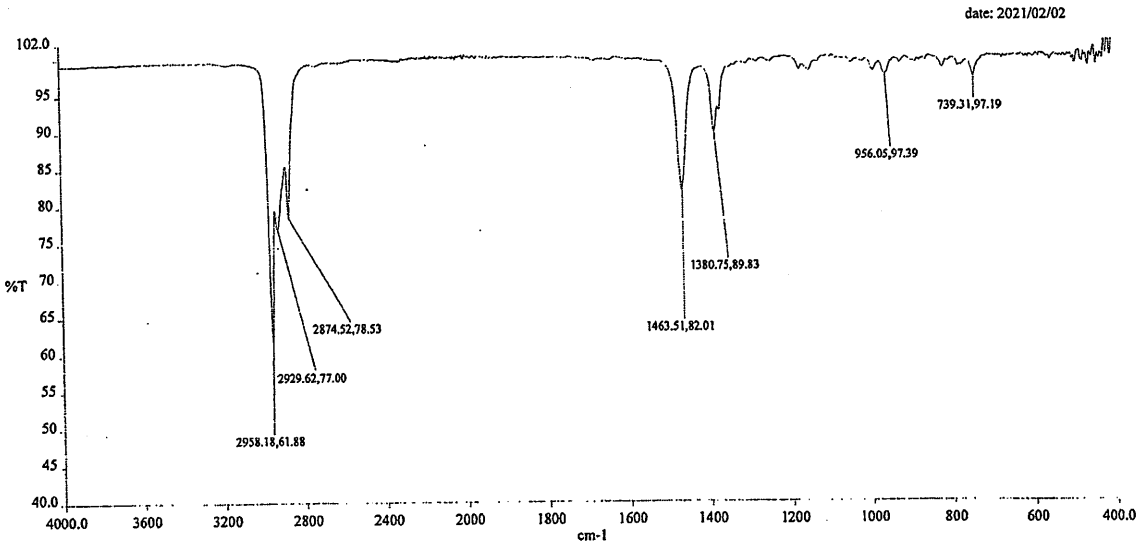


Fig. 3 IR spectrum of the test article for the stability test (analyzed date: February 2, 2021).

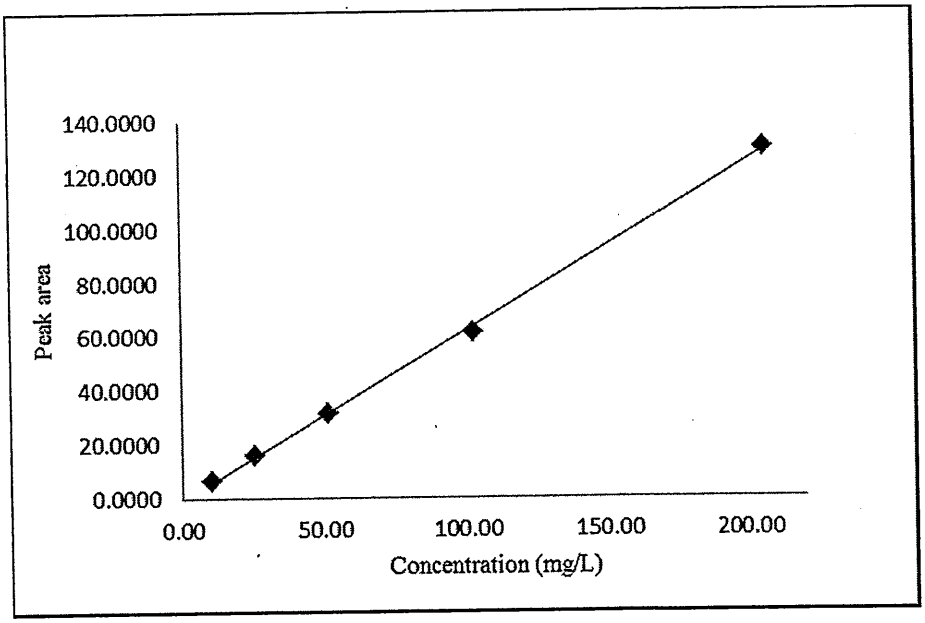
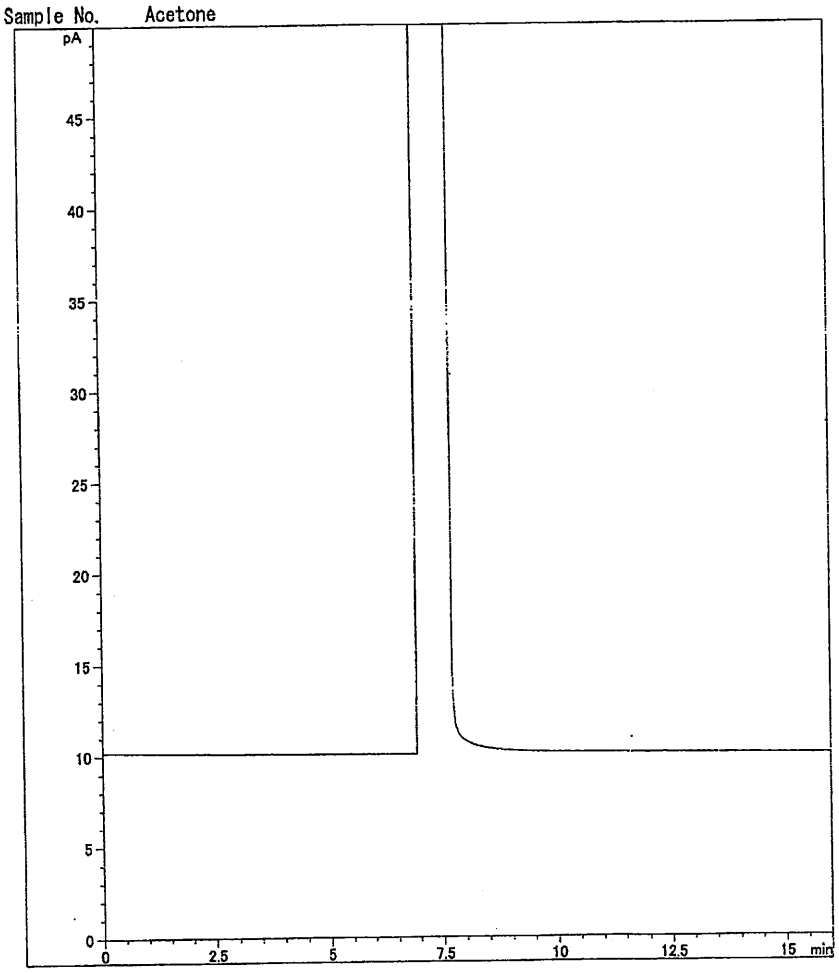


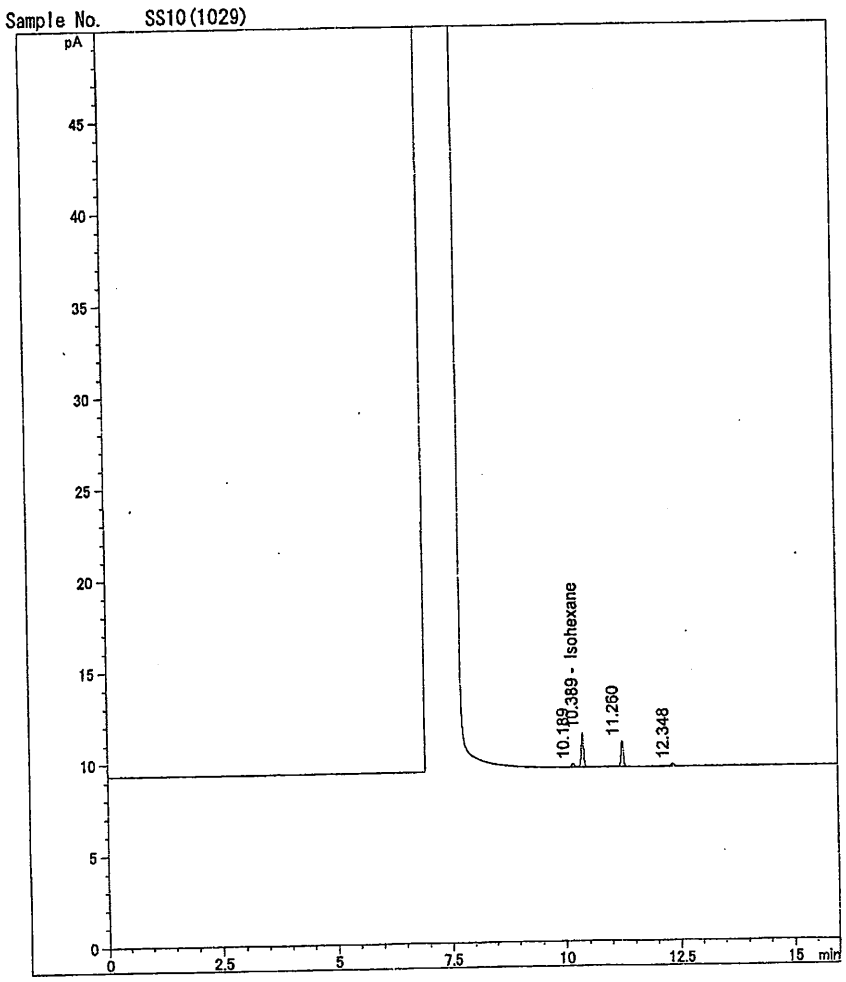
Fig. 4 Typical calibration plot and regression line (analyzed date: October 29, 2020).



<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	Isohexane

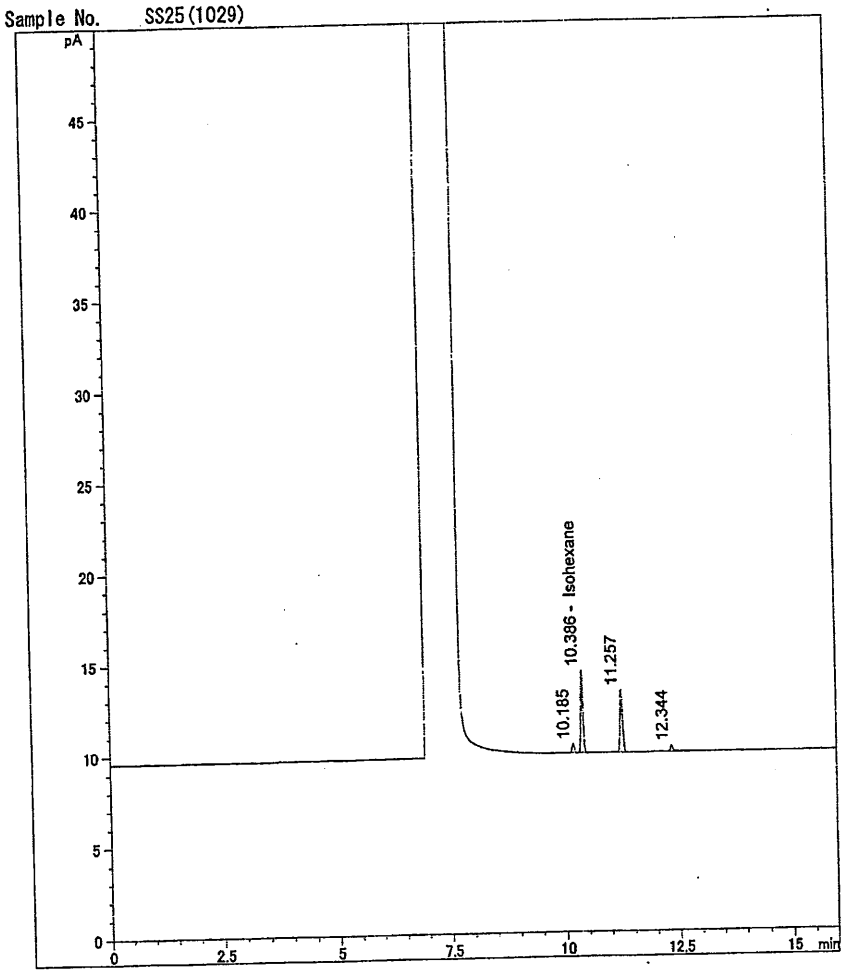
Fig. 5 Typical chromatogram of acetone.



<Result>

#	Time	Area	Area %	Name
1	10.189	0.8123	6.24	
2	10.389	6.4752	49.73	Isohexane
3	11.260	5.1819	39.80	
4	12.348	0.5502	4.23	

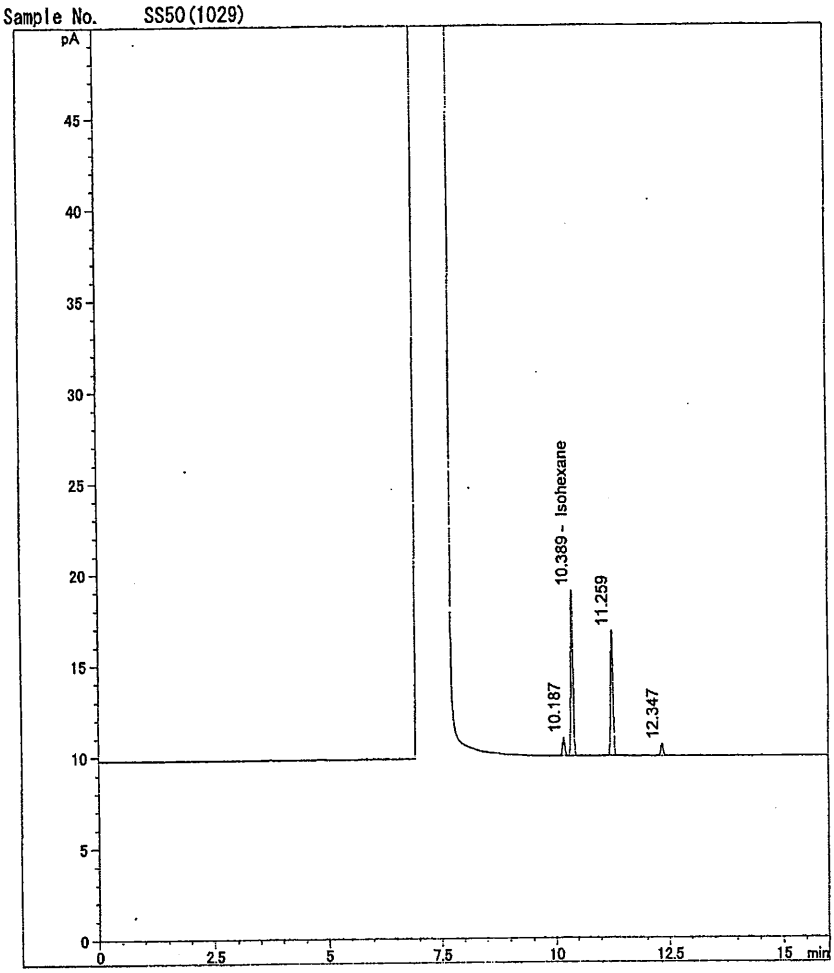
Fig. 6 Typical chromatogram of the standard solutions (No. SS10(1029)).



<Result>

#	Time	Area	Area %	Name
1	10.185	1.8249	5.84	
2	10.386	15.6984	50.21	Isohexane
3	11.257	12.5609	40.18	
4	12.344	1.1794	3.77	

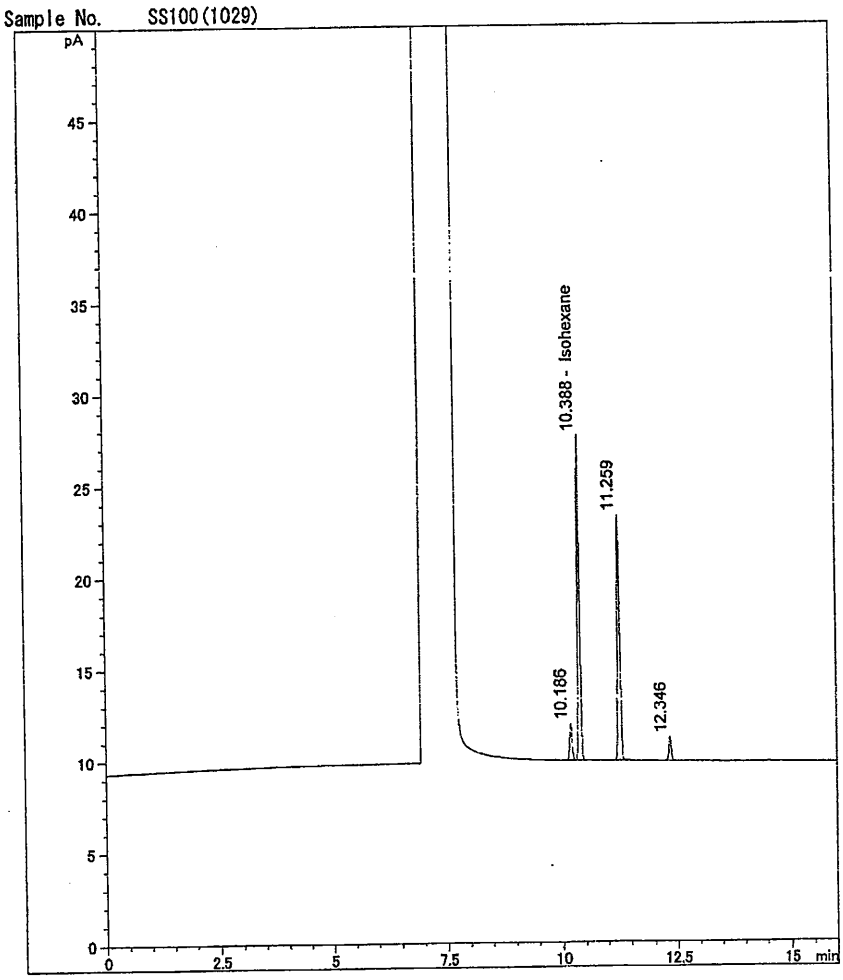
Fig. 7 Typical chromatogram of the standard solutions (No. SS25(1029)).



<Result>

#	Time	Area	Area %	Name
1	10.187	3.6940	5.89	
2	10.389	31.5005	50.21	Isohexane
3	11.259	25.2083	40.18	
4	12.347	2.3325	3.72	

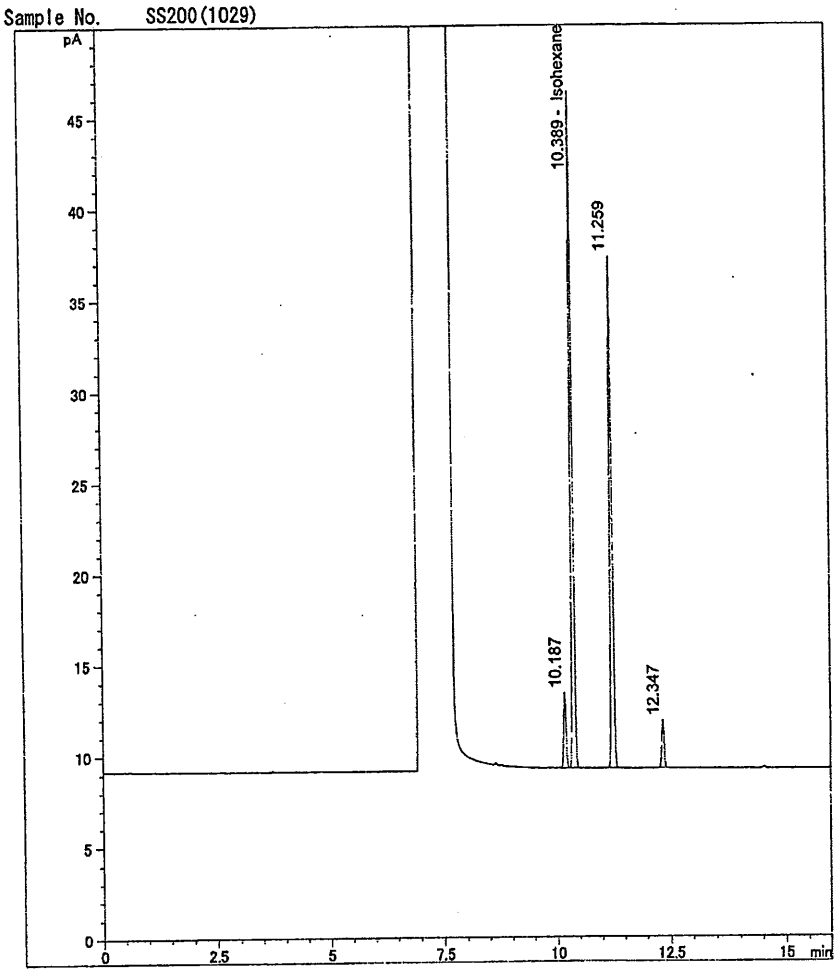
Fig. 8 Typical chromatogram of the standard solutions (No. S50(1029)).



<Result>

#	Time	Area	Area %	Name
1	10.186	7.2161	5.89	
2	10.388	61.5367	50.23	Isohexane
3	11.259	49.2234	40.18	
4	12.346	4.5231	3.69	

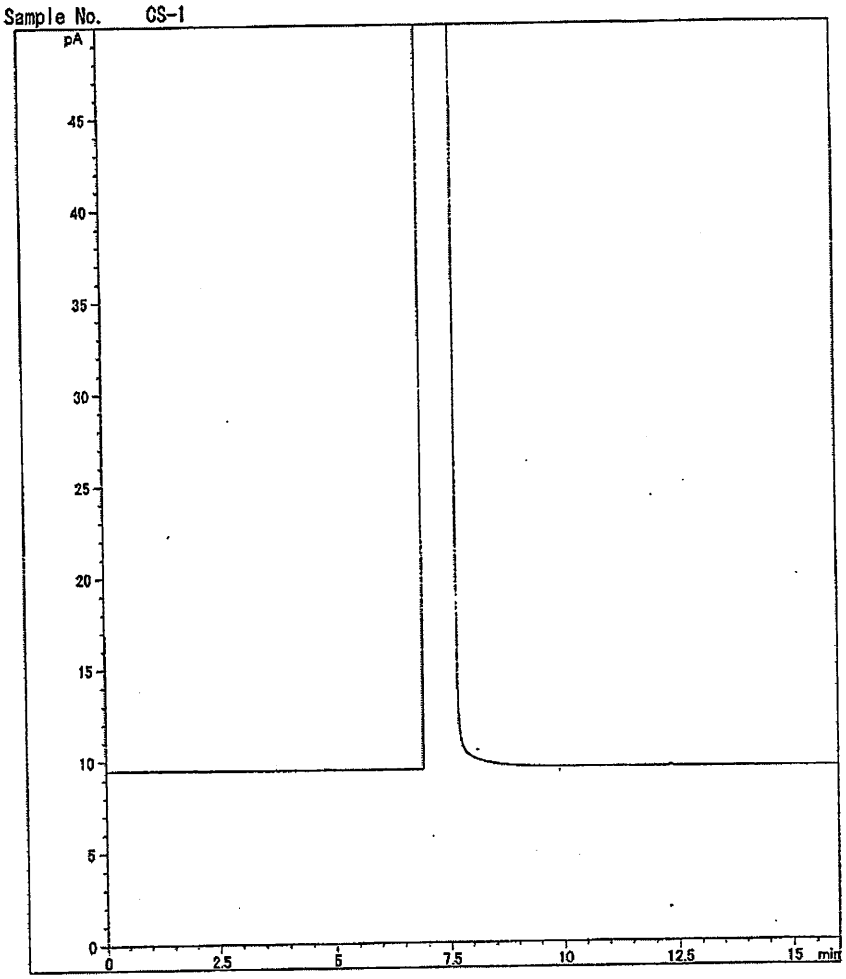
Fig. 9 Typical chromatogram of the standard solutions (No. SS100 (1029)).



<Result>

#	Time	Area	Area %	Name
1	10.187	15.2299	5.91	
2	10.389	129.5170	50.25	Isohexane
3	11.259	103.6046	40.20	
4	12.347	9.3801	3.64	

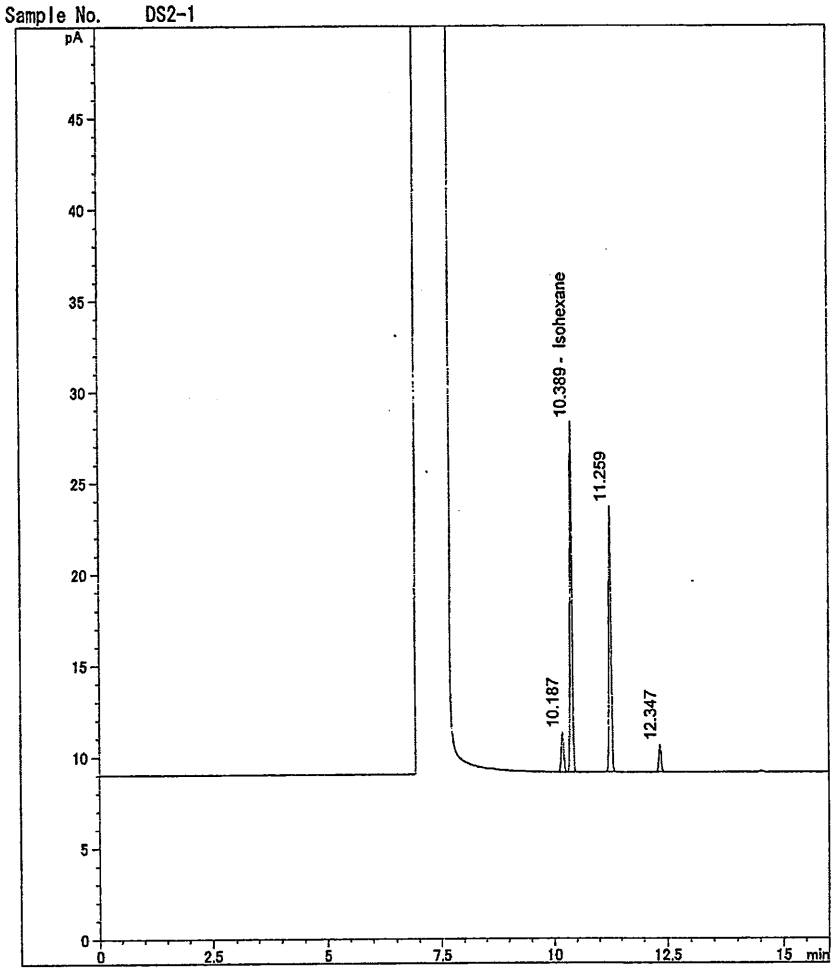
Fig. 10 Typical chromatogram of the standard solutions (No. SS200(1029)).



<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	Isohexane

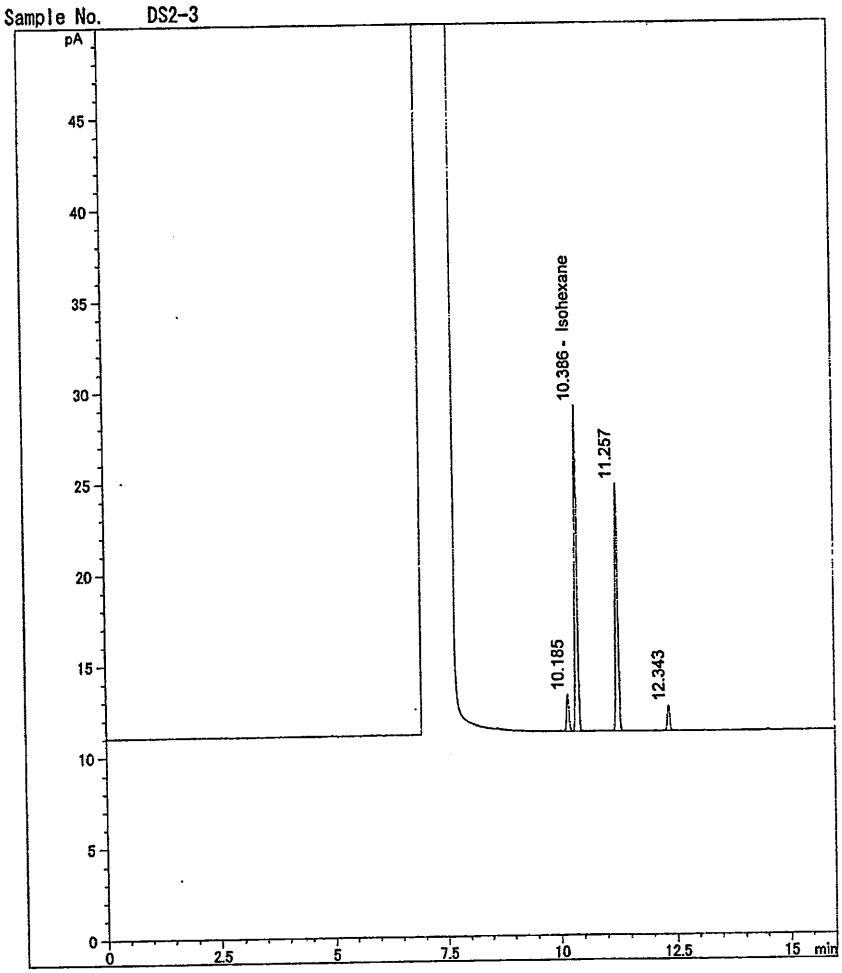
Fig. 11 Typical chromatogram of the control solutions (No. CS-1).



<Result>

#	Time	Area	Area %	Name
1	10.187	7.8396	5.88	
2	10.389	66.7242	50.09	Isohexane
3	11.259	53.4654	40.13	
4	12.347	5.1919	3.90	

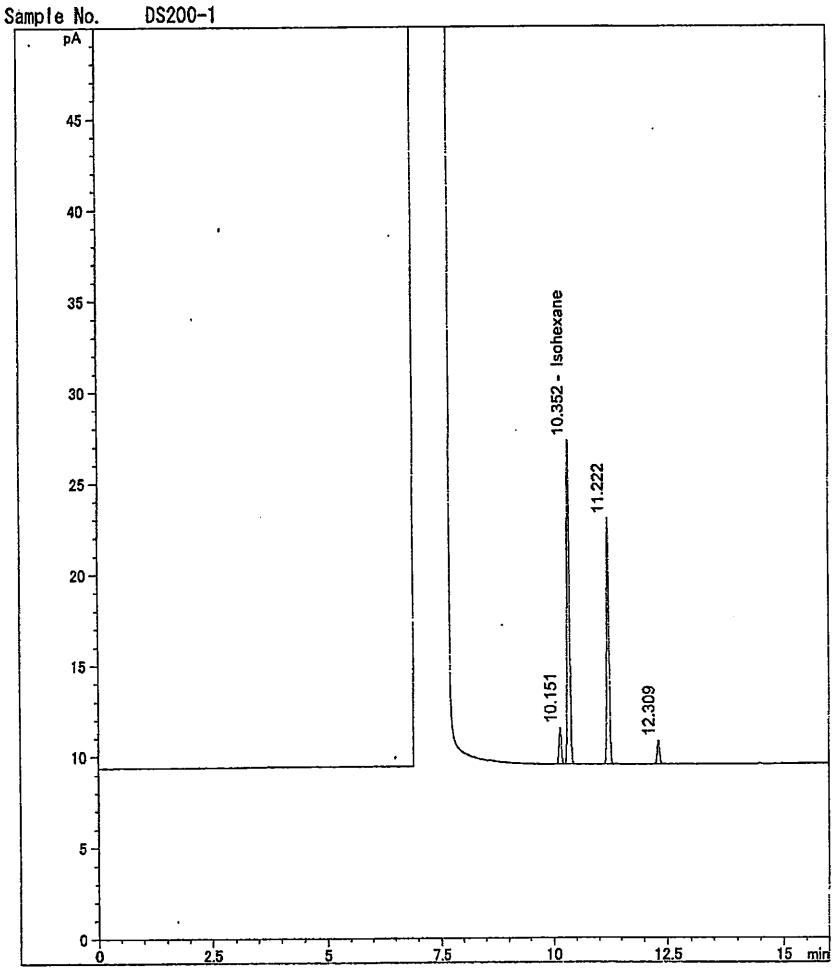
Fig. 12 Typical chromatogram of the test solutions (No. DS2-1).



<Result>

#	Time	Area	Area %	Name
1	10.185	7.2892	5.87	
2	10.386	62.2030	50.05	Isohexane
3	11.257	49.9276	40.17	
4	12.343	4.8620	3.91	

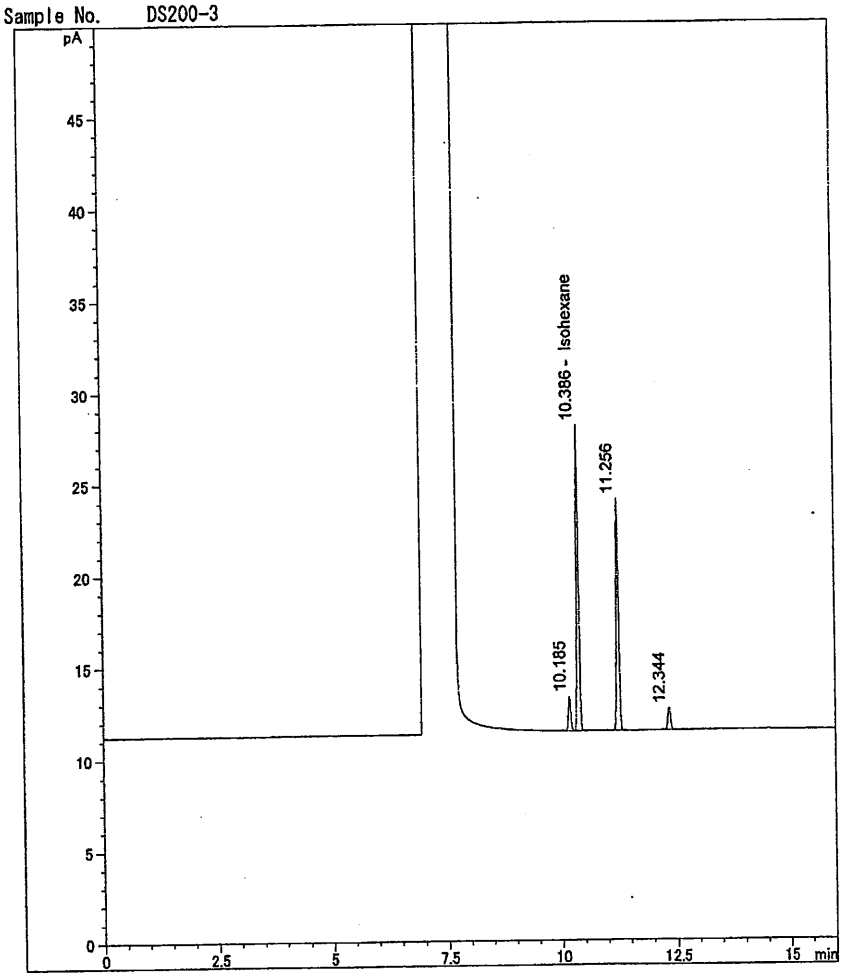
Fig. 13 Typical chromatogram of the test solutions (No. DS2-3).



<Result>

#	Time	Area	Area %	Name
1	10.151	7.3179	5.89	
2	10.352	62.3901	50.21	Isohexane
3	11.222	49.9711	40.22	
4	12.309	4.5722	3.68	

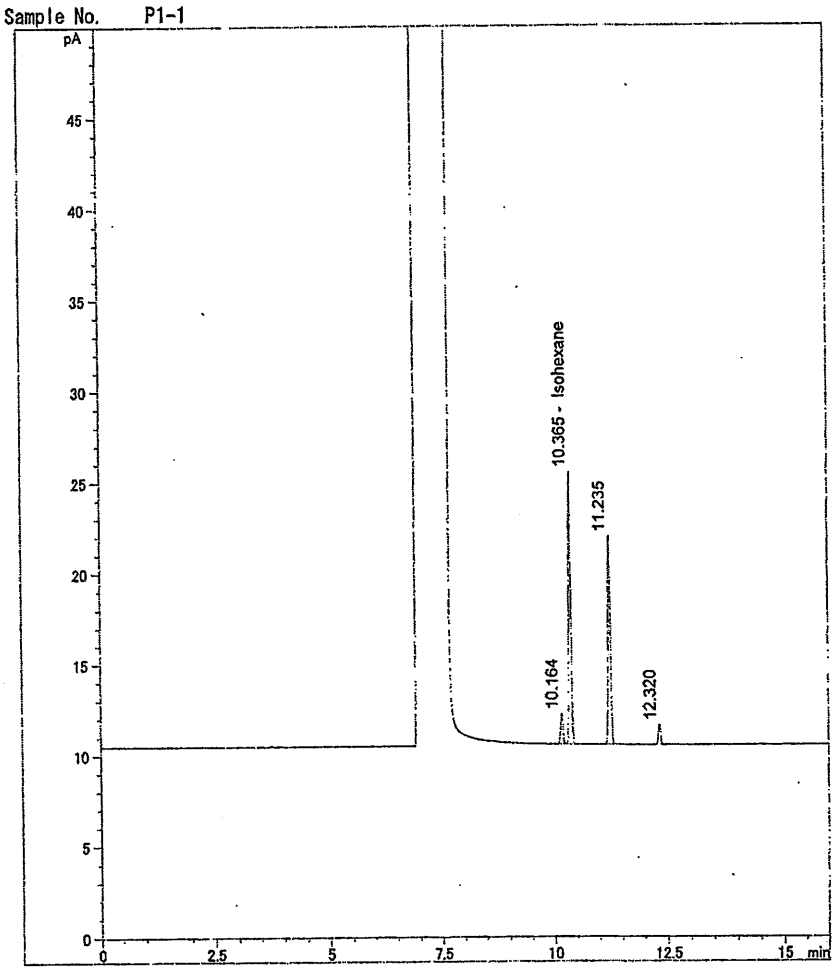
Fig. 14 Typical chromatogram of the test solutions (No. DS200-1).



<Result>

#	Time	Area	Area %	Name
1	10.185	6.8010	5.90	
2	10.386	57.9079	50.22	Isohexane
3	11.256	46.3947	40.23	
4	12.344	4.2139	3.65	

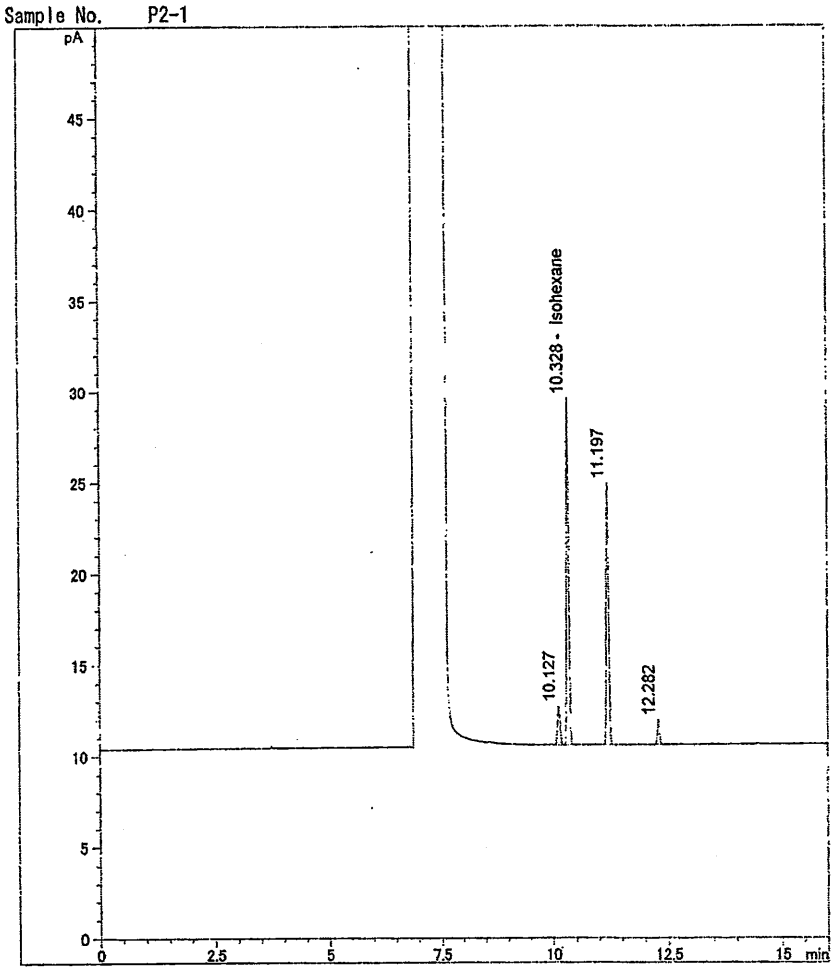
Fig. 15 Typical chromatogram of the test solutions (No. DS200-3).



<Result>

#	Time	Area	Area %	Name
1	10.164	6.0561	5.85	
2	10.365	51.7041	49.98	Isohexane
3	11.235	41.8251	40.43	
4	12.320	3.8542	3.73	

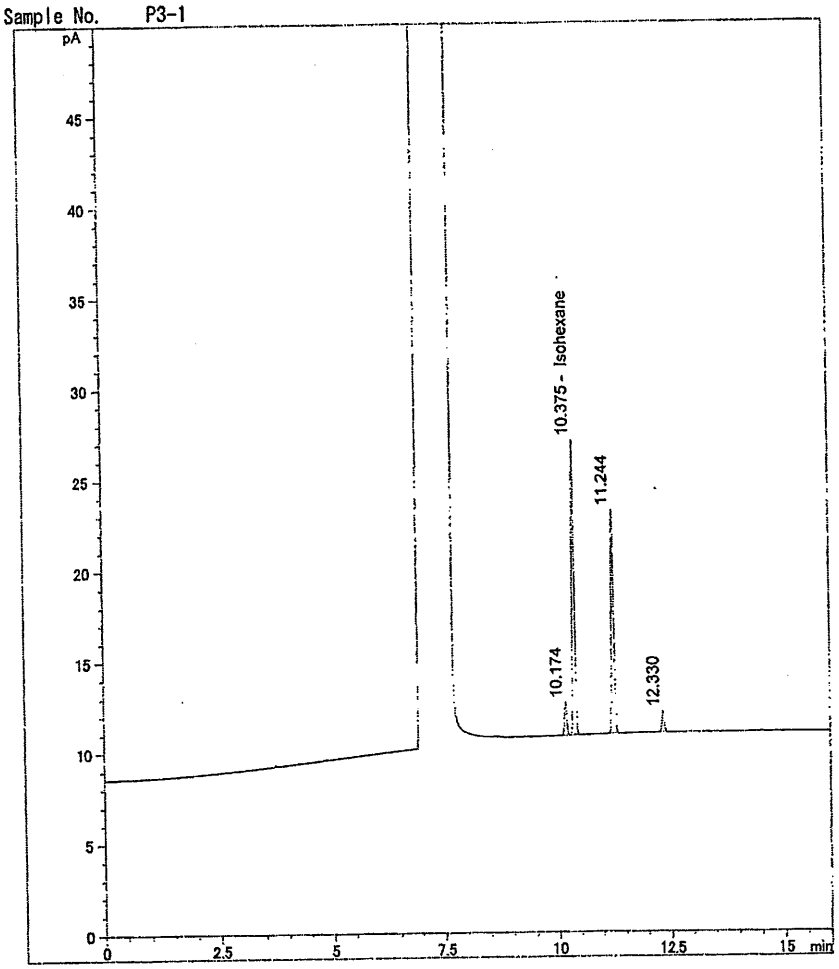
Fig. 16 Typical chromatogram of the test solutions (No. P1-1).



<Result>

#	Time	Area	Area %	Name
1	10.127	7.7150	5.89	
2	10.328	65.7857	50.21	Isohexane
3	11.197	52.7465	40.26	
4	12.282	4.7780	3.65	

Fig. 17 Typical chromatogram of the test solutions (No. P2-1).



<Result>

#	Time	Area	Area %	Name
1	10.174	6.6794	5.95	
2	10.375	56.3028	50.17	Isohexane
3	11.244	45.1161	40.21	
4	12.330	4.1157	3.67	

Fig. 18 Typical chromatogram of the test solutions (No. P3-1).