

最終報告書

表　　題：2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号：SR14252

株式会社化合物安全性研究所

陳述書

表 題：2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験
試験番号：SR14252

1. 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、試験方法は「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) ならびに「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 24 年 4 月 2 日 薬食発 0402 第 1 号・平成 24・03・28 製局第 2 号・環保企発第 120402001 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) に基づいて実施したものです。
2. 本試験は、試験計画書に従って実施し、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認められませんでした。

株式会社化合物安全性研究所

試験責任者

2015年3月20日

信頼性保証書

表題 : 2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験
試験番号 : SR14252

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	2014年12月 4日	2014年12月 4日	2014年12月 4日
被験物質の受入・表示・保存	2014年12月 4日	2014年12月 4日	2014年12月 4日
投与液の調製	2014年12月 23日	2014年12月 24日	2014年12月 24日
投与液の化学分析	2014年12月 23日 2014年12月 25日	2014年12月 25日	2014年12月 25日
群分け	2014年12月 24日	2014年12月 24日	2014年12月 24日
投与	2014年12月 25日	2014年12月 25日	2014年12月 25日
性周期検査	2014年12月 25日	2014年12月 25日	2014年12月 25日
投与液の調製	2015年 1月 7日	2015年 1月 7日	2015年 1月 7日
生殖能検査(交配)	2015年 1月 7日 2015年 1月 8日	2015年 1月 8日	2015年 1月 8日
尿検査	2015年 1月 19日 2015年 1月 20日	2015年 1月 20日	2015年 1月 20日
採血	2015年 1月 22日	2015年 1月 22日	2015年 1月 22日
血液学的検査	2015年 1月 22日	2015年 1月 22日	2015年 1月 22日
剖検・器官重量測定	2015年 1月 22日	2015年 1月 22日	2015年 1月 22日
血液化学的検査	2015年 1月 22日 2015年 1月 23日	2015年 1月 23日	2015年 1月 23日
分娩および哺育状態観察	2015年 1月 30日	2015年 1月 30日	2015年 1月 30日
新生児の剖検	2015年 2月 3日	2015年 2月 3日	2015年 2月 3日
病理組織学的検査(標本作製)	2015年 2月 10日 2015年 2月 12日 2015年 2月 18日	2015年 2月 18日	2015年 2月 18日
病理組織学的検査(鏡検)	2015年 2月 18日	2015年 2月 18日	2015年 2月 18日
生データ	2015年 3月 4日 2015年 3月 5日 2015年 3月 6日 2015年 3月 9日 2015年 3月 10日	2015年 3月 10日	2015年 3月 10日
最終報告書(草案):図表	2015年 3月 5日 2015年 3月 6日 2015年 3月 9日 2015年 3月 10日	2015年 3月 10日	2015年 3月 10日

査察段階	査察日	試験責任者 への報告日	運営管理者 への報告日
最終報告書(草案)：本文	2015年3月5日 2015年3月6日 2015年3月9日 2015年3月10日	2015年3月10日	2015年3月10日
最終報告書	2015年3月20日	2015年3月20日	2015年3月20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	2014年12月4日	2014年12月4日	2014年12月4日
一般状態観察	2014年12月4日	2014年12月4日	2014年12月4日
詳細な状態観察	2014年12月4日	2014年12月4日	2014年12月4日
機能検査	2014年12月4日	2014年12月4日	2014年12月4日
体重測定	2014年12月4日	2014年12月4日	2014年12月4日
摂餌量測定	2014年12月4日	2014年12月4日	2014年12月4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

2015年3月20日

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表題

2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号

SR14252

試験目的

2,6-ナフタレンジカルボン酸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。

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) ならびに「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 24 年 4 月 2 日 薬食発 0402 第 1 号・平成 24・03・28 製局第 2 号・環保企発第 120402001 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)

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 平成 25 年 6 月 12 日 法律第 38 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 科発第 0601001 号)

動物実験倫理 : 本試験は、株式会社化合物安全性研究所の動物実験倫理規定に従い、

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で審議され、試験施設の運営管理者の承認を得て実施した。

試験委託者

名称 : 厚生労働省 医薬食品局
所在地 : 東京都千代田区霞が関 1-2-2 (〒100-8916)
連絡先 : 審査管理課 化学物質安全対策室

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

被験物質管理 : [REDACTED]
動物管理 : [REDACTED]
検疫・馴化 : [REDACTED]
投与・観察・測定 : [REDACTED]
化学分析 : [REDACTED]
臨床検査 : [REDACTED]
病理検査 : [REDACTED]

試験日程

試験開始日 : 2014年 12月 4日
動物受入 : 2014年 12月 10日
群分け : 2014年 12月 24日
実験開始日 : 2014年 12月 25日
投与開始 : 2014年 12月 25日
交配開始 : 2015年 1月 7日
雄動物およびサテライト群雌動物投与終了
: 2015年 1月 21日
雄動物およびサテライト群雌動物(投与終了時剖検例)投与終了時剖検
: 2015年 1月 22日
新生児剖検開始 : 2015年 2月 3日
母動物剖検開始 : 2015年 2月 4日
サテライト群雄および雌動物(回復終了時剖検例)剖検
: 2015年 2月 5日
実験終了日 : 2015年 3月 5日
試験終了日 : 2015年 3月 20日

1 要約

2,6-ナフタレンジカルボン酸の 0 (溶媒対照, 1%メチルセルロース水溶液), 100, 300 および 1000 mg/kg を 1 群雌雄各 12 匹の Crl:CD(SD) ラットに, 雄に対しては交配前, 交配期間および交配後を含む計 28 日間, 雌に対しては交配前, 交配および妊娠期間, ならびに分娩後 4 日までの期間経口投与し, 雌雄動物への反復投与による影響, 雌雄動物の生殖および新生児の発生に及ぼす影響について検討した. 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

100 および 300 mg/kg 群では, 一般状態, 詳細な状態観察, 機能検査, 体重, 摂餌量, 尿検査, 血液学的検査, 血液化学的検査, 器官重量および剖検の各検査項目に, 雌雄とも被験物質投与の影響は認められなかった.

1000 mg/kg 群では, 雌にのみ影響が認められ, 妊娠期間の体重増加量に有意な低値, 非交配群で肝臓重量の有意な高値, 血液学的検査では, 主試験群で網赤血球数に有意な低値, 非交配群で赤血球数に有意な低値, 平均赤血球容積および平均赤血球ヘモグロビン量に有意な高値が認められた. 以上の変化には回復性が認められた.

病理組織学的検査では, 1000 mg/kg 群の雌雄に被験物質投与に関連する変化は認められなかつた.

したがって, 本試験条件下における 2,6-ナフタレンジカルボン酸の反復投与毒性に関する無影響量 (NOEL) および無毒性量 (NOAEL) はいずれも雄で 1000 mg/kg/day, 雌で 300 mg/kg/day であると考えられた.

1.2 生殖発生毒性

主試験群の生殖能検査および新生児の検査では, 1000 mg/kg 群まで, いずれの項目にも被験物質投与に関連する変化はみられなかつた.

したがって, 本試験条件下における 2,6-ナフタレンジカルボン酸の親動物の生殖に対する無影響量 (NOEL) および無毒性量 (NOAEL) ならびに新生児の発生に対する無影響量 (NOEL) および無毒性量 (NOAEL) はいずれも 1000 mg/kg/day と考えられた.

2 緒言

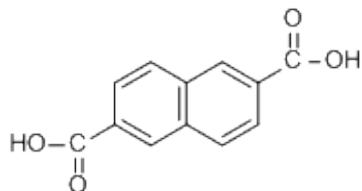
2,6-ナフタレンジカルボン酸の 0 (溶媒対照, 1%メチルセルロース水溶液), 100, 300 および 1000 mg/kg を 1 群雌雄各 12 匹の Crl:CD(SD) ラットに, 雄に対しては交配前, 交配期間および交配後を含む計 28 日間, 雌に対しては交配前, 交配および妊娠期間, ならびに分娩後 4 日までの期間経口投与し, 雌雄動物への反復投与による影響, 雌雄動物の生殖および新生児の発生に及ぼす影響について検討した. また, 0 (対照) および 1000 mg/kg について, 雄動物は各 5 匹を選抜して 28 日間の投与終了後 14 日間の回復性を検討し, 雌動物は各 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	: 2,6-ナフタレンジカルボン酸
英名 ¹⁾	: 2,6-Naphthalenedicarboxylic Acid
略称 ²⁾	: 2,6-Naphthalic Acid
CAS 番号	: 1141-38-4
官報公示整理番号 (化審法) ¹⁾	: (4)-402

構造式³⁾ :



化学式 ¹⁾	: C ₁₂ H ₈ O ₄
分子量 ²⁾	: 216.19
物理化学的性質	: 白色 ~ わずかにうすい黄色, 結晶 ~ 粉末 ¹⁾ 融点・凝固点 ; >300°C ⁴⁾ 溶解度 ; 水に不溶, アルコール類に難溶, N,N-ジメチルホルムアミドに可溶 ^{4).}
ロット番号	: J82SE
純度	: 99.7% (GC), 99.6% (中和滴定) (Annex 1-1)
製造業者	[REDACTED]
入手日	: 2014 年 10 月 20 日
入手量	: 1000 g (関連試験と共に)

安定性 (非 GLP) : 投与終了後の一剖を [REDACTED] に送付し、特性試験を実施し、安定性を確認した (Annex 1-2).

保存場所および保存期間：被験物質保存室の冷蔵室；2014 年 10 月 20 日 (入手)～2015 年 2 月 7 日 (最終調製)

保存条件 : 冷蔵 (実測範囲 5.0～9.4°C), 暗所, 気密

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.

サンプリング : 約 5 g を採取し、試験施設の資料保存室に保存した.

残余被験物質の処置 : 試験操作終了後、焼却処分するために、産業廃棄物として回収した.

3.2 媒体

名称 : 1(w/v)%メチルセルロース水溶液 (1%MC)

調製方法 : メチルセルロース (メトローズ, SM-15, ロット番号 4015069, 信越化学工業株式会社) を精秤し、精製水 (日本薬局方精製水, ロット番号 GP280, GP290, 日医工株式会社) で 1 (w/v)%となるように溶解させた.

保存場所および保存期間：被験物質保存室の冷蔵庫；2014 年 12 月 16 日～2015 年 2 月 13 日

保存条件 : 気密容器に入れ、冷蔵 (実測範囲 5.1～9.6°C) で保存した.

使用期限 : 調製後 15 日間 (調製後 7 日以内に使用した)

3.3 投与液の調製および化学分析

調製方法 : 投与量毎に被験物質を正確に秤量し、メノウ乳鉢およびメノウ乳棒を用いて摩碎して少量の媒体と馴染ませた。懸濁した液が流れるようになったらシリソジを用いてメートルグラスに移し入れた。媒体が透明になるまで共洗し、その液もメートルグラスに移し入れてスターラーにて懸濁させた。媒体を加えて所定量にメスアップし、均一に懸濁させた後メジャーム瓶に移し入れた。

調製頻度 : 投与用の調製液は 4～6 日の間隔で調製し、6 日以内に使用した。

保存場所および保存期間：被験物質保存室の冷蔵庫；2014 年 12 月 16 日 (均一性・安定性分析用調製)～2015 年 2 月 13 日 (最終投与)

保存条件 : 冷蔵 (実測範囲 5.1～9.6°C), 遮光, 気密

調製上の注意 : 被験物質はクリーンベンチ内で取扱い、調製の際にはマスク、手袋等を着用し、吸入、眼、皮膚および衣類等との接触を避けた。

残余投与液の処置 : 残余の投与液は、焼却処分するために産業廃棄物として回収した。

投与液の均一性および安定性の確認 :

10 および 100 mg/mL の濃度の調製液について、均一性および冷蔵保存 6 日（調製日を 0 日として起算）+ 室温 4 時間の安定性を確認した。均一性分析の結果では、10 および 100 mg/mL 調製液は、相対標準偏差がそれぞれ 1.5% および 0.8% であり、判定基準の 5.0% 以下であった（Annex 2-1）。安定性分析の結果では、10 および 100 mg/mL 調製液は、残存率がそれぞれ 94.9% および 97.1% であり、判定基準の 100±10.0% 以内であることが確認された（Annex 2-2）。

投与液の濃度確認 : 被験物質の全濃度に関する投与液中の濃度を、初回および全群の投与に使用する最終回調製時の調製液について確認した。分析結果では、10, 30 および 100 mg/mL 投与液の含有率はそれぞれ初回で 93.3%, 90.7% および 95.2%，最終回で 104.0%, 107.0% および 107.0% であり、相対標準偏差はそれぞれ初回で 1.7%, 0.6% および 0.8%，最終回で 1.4%, 1.0% および 0.6% であり、判定基準の 100±10% 以内および 5.0% 以下であることが確認された（Annex 2-3 および 2-4）。

濃度分析方法 : Annex 2-5 に示す。

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当研究所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 70 匹
受入動物週齢	: 雌雄とも 8 週齢
出荷体重基準	: 雄 240 ~ 330 g, 雌 160 ~ 230 g
受入時体重範囲	: 雄 295 ~ 330 g, 雌 184 ~ 233 g
投与開始時週齢	: 雌雄とも 10 週齢
投与開始時体重範囲	: 雄 400 ~ 481 g, 雌 208 ~ 294 g (平均体重 雄 438.1 g, 雌 244.9 g)

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

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認められなかった.
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 9 日間に行った. 検査の結果, いずれの動物にも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および体重測定, さらに雌については性周期検査の結果から, すべての動物を群分けに用いた. コンピュータシステム (MiTOX, 三井造船システム技研株式会社) を使用し, 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各群の平均体重が均一になるように群分けを行った. 選抜した動物の体重範囲は, 雄で 404 ~ 474 g, 雌で 223 ~ 285 g であり, 平均体重 (雄 436.6 g, 雌 250.5 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, 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墨し, 個体識別を行った.
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, 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	: 309 号室
温度・湿度	: $22 \pm 3^{\circ}\text{C}$ (実測範囲 $20 \sim 24^{\circ}\text{C}$), $50 \pm 20\%$ (実測範囲 $40 \sim 49\%$)
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	: プ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 4 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) を使用した.
1 ケージあたりの収容動物数：検疫および馴化期間中は 2 匹ずつ、群分け後は 1 匹、交配期間中は雌雄各 1 匹、分娩後は 1 腹とした.	
ケージ交換	: 群分け時および投与 14 日に実施した。ただし、交尾成立雌動物については妊娠 0 日および 14 日に、交尾不成立雌動物は 2 週間ごとに実施した。回復終了時剖検例は回復 1 日に実施した。
受皿交換	: 週 2 回実施した。
小型受皿の交換	: 妊娠 20 日に実施した。
給餌器交換	: 群分け時および投与 14 日に実施した。ただし、交尾成立雌動物については妊娠 0 日および 14 日に、交尾不成立雌動物は 2 週間ごとに実施した。回復終了時剖検例は回復 1 日に実施した。
自動給水装置の水抜き	: 週 1 回実施した。
給水器	: 尿検査時にのみ使用した。
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	: 141007, 141104

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: AR-14-JP-005160-01, AR-14-JP-007307-01)および飼料製造業者(分析試験報告書: No. 14G03-151, 14G03-164)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株式会社化合物安全性研究所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、2014年7月1日および2015年1月7日に当該飼育室と同系統配管の最末端(306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: No. A261406, A265505)が行い、分析データを入手した。分析項目と許容値は株式会社化合物安全性研究所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(SR14252P)(投与量 0, 8, 40, 200 および 1000 mg/kg/day, 雌雄各 3 匹/群, 14 日間反復経口投与)⁵⁾の結果、1000 mg/kg 群の雌で、赤血球数およびヘマトクリット値に低値が認められたのみで、その他の検査項目には被験物質投与に関連する変化は認められなかった。以上のことから、本試験では、14 日間連続投与しても明らかな毒性を生じなかった 1000 mg/kg/day を高用量とし、以下公比約 3 で除した 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。そのほかに媒体のみを同様の方法で投与する対照群を設けた。

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)		識別
				雄	雌	
<主試験群>						
対照	0	0	10.0	12 (10101~10112)	12 (50151~50162)	白
低用量	100	10	10.0	12 (10201~10212)	12 (50251~50262)	緑
中用量	300	30	10.0	12 (10301~10312)	12 (50351~50362)	青
高用量	1000	100	10.0	12 (10401~10412)	12 (50451~50462)	赤
<サテライト群>						
対照 (投与終了時剖検例) (回復終了時剖検例)	0 0	0 0	10.0 10.0	5 (10106, 10107, 10110, 10111, 10112) ^a	5 (50551~50555) ^b 5 (50556~50560) ^b	白 白
高用量 (投与終了時剖検例) (回復終了時剖検例)	1000 1000	100 100	10.0 10.0	5 (10401, 10404, 10406, 10411, 10412) ^a	5 (50651~50655) ^b 5 (50656~50660) ^b	赤 赤

対照群には、他の群と同様の方法で媒体のみを投与した。

a : 主試験群から投与 21 日の体重に基づいて、各群の体重の平均値に近似するように、各群から 5 匹ずつ選抜した。

b : 非交配群

3.9.3 投与

投与方法および投与経路：ディスポーザブル胃ゾンデおよびディスポーザブルシリンジを用いて強制的に胃内に経口投与した。

投与回数 : 1 日 1 回、連日投与した。

投与時刻 : 9 : 10 ~ 11 : 46

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 4 日（哺育 0 日を分娩後 0 日として起算）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。

投与方法、投与経路、投与回数および投与期間の選定理由：

試験法ガイドラインに準拠して選定した。

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。主試験群の雌動物は、交尾成立日を妊娠 0 日、分娩終了日を哺育 0 日と規定した。

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、剖検日は午前中に 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 および 42 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・くびぶり)、異常行動 (後ずさり・異常発声)、攻撃性について、オープン

フィールド内で観察した.

3.10.1.3 機能検査

- 例数 : 各群の投与 21 日の体重の平均値に近似するように選抜した雄の各群 5 例およびサテライト群 (回復終了時剖検例) の雌ならびに主試験群の雌の分娩日の早いものから順に選抜した各群 5 例.
- 時期 : 投与 4 週 (投与 23 日) および回復 2 週 (回復 8 日).
主試験群の雌は哺育 4 日.
- 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 および 4 日の投与前ならびに分娩後 5 日の剖検日. ただし, 分娩遅延例は妊娠 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, 1 g 単位で記録した.
- 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>

妊娠前投与期間；

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 4 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、0.1 g 単位で記録した。

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給餌量を測定した。ただし、最終回の測定は残餌量のみとした。主試験群の雌については、妊娠 20 日および哺育 4 日は残餌量のみ、妊娠 0 日および哺育 0 日は給餌量のみ測定した。次に示す式により、摂餌量 (g/rat/day) を算出した。

$$\text{摂餌量 (g/rat/day)} = \frac{\text{給餌量 (g/rat)} - \text{残餌量 (g/rat)}}{\text{測定日間の日数 (day)}}$$

3.10.1.6 尿検査

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

時期 : 投与 4 週 (投与 26~27 日) および回復 2 週 (回復 9~10 日)。

採尿方法 : 非絶食下でラット用代謝ケージ (KN-646, B-1 型、夏目製作所) を用いて採尿し、投与直後から約 3 時間の蓄尿で [1] ~ [9] を、また約 21 時間の蓄尿で [10], [11] を実施した。[9] 沈渣については、1500 回転/分で 5 分間遠心分離後に検査を行った。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

[9] 顕微鏡 BH-2, BH2-MDO, オリンパス光学工業株式会社

[11] 尿比重屈折計ユリコン-S, アタゴ

3.10.1.7 血液学的検査

例数	: 各群 5 例 (主試験群の雄は機能検査に用いた動物以外から動物番号の若い順に選抜した。主試験群の雌は機能検査と同一例, サテライト群は全例)
時期	: 割検時 [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 5 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 (16～22 時間) でラットをペントバルビタールナトリウム麻酔 (腹腔内) 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 2 mL を 3500 回転/分で 10 分間遠心分離して得られた血漿を用いた。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] 白血球数 (WBC)	フローサイトメトリー法
[9] 網赤血球数 (Reticulocyte)	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, $10^2/\mu\text{L}$)	
2 好酸球 (Eosinophil, $10^2/\mu\text{L}$)	
3 好塩基球 (Basophil, $10^2/\mu\text{L}$)	
4 単球 (Monocyte, $10^2/\mu\text{L}$)	
5 リンパ球 (Lymphocyte, $10^2/\mu\text{L}$)	
[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

[11], [12] 血液凝固自動測定装置 KC4 デルタ, トリニティ・バイオテック

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

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 (16～22 時間) でラットをペントバルビタールナトリウム麻酔 (腹腔内) 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, 3500 回転/分で 10 分間の遠心分離で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, 栄研器材株式会社) に血液を採取し, 3500 回転/分で 10 分間の遠心分離で得られた血清を用いて検査した. また, 血清の一部を甲状腺機能に関連するホルモン (TSH, T3 および T4) 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) した. しかし, 病理検査において下垂体-甲状腺系への影響が認められなかったため, 測定は実施せず, 標本は廃棄した. 検査終了後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-Chol)	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・GLDH 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)	セルロースアセテート膜電気泳動法
	1 アルブミン (Albumin, %)	
	2 α_1 -グロブリン (α_1 -G, %)	
	3 α_2 -グロブリン (α_2 -G, %)	
	4 β -グロブリン (β -G, %)	
	5 γ -グロブリン (γ -G, %)	

[1]～[17] 自動分析装置 7080 形, 日立ハイテクノロジーズ

[18]～[20] 自動電気泳動装置 AES320, 三島オリンパス

3.10.1.9 病理検査

3.10.1.9.1 割検

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 5 日 (哺育 4 日の翌日), 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, 分娩遅延例は妊娠 26 日に, 交尾不成立例は交配期間終了後 24 日 (投与 51 日の翌日) に実施した.
検査方法	: 体外表を観察し, ペントバルビタールナトリウムの腹腔内投与による麻酔下で, 血液検査実施例については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. また, 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. なお, 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. 肺については固定液を注入後浸漬固定した. 左右のある器官については, 左右とも固定・保存した.

性周期の確認	: サテライト群の雌の全例について剖検日の剖検前に膣垢を採取し、ギムザ染色を施して、光学顕微鏡下で観察して性周期段階を確認した。このデータは器官重量または病理組織学的評価の補助とした。
器官・組織名	: 脳(大脳、小脳および脳橋)、脊髄、下垂体、胸腺、甲状腺、上皮小体、副腎、脾臓、心臓、食道、胃、肝臓、胰臓、頸下腺、十二指腸、空腸、回腸(ペイエル板を含む)、盲腸、結腸、直腸、気管、肺、腎臓、膀胱、精巣、精巣上体、前立腺、精嚢(凝固腺含む)、卵巣、子宮(角部および頸部)、膣、眼球およびハーダー腺、乳腺(雌のみ、右腹部)、大腿骨(骨髓を含む、右)、腸間膜リンパ節、下頸リンパ節、骨格筋(腓腹筋、右)および坐骨神経。

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。なお、左右のある器官は左右合せて測定した。
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) = $\frac{\text{絶対重量 (g または mg)}}{\text{剖検日体重 (g)}} \times 100$

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。加えて、剖検時に異常所見の認められた100 mg/kg群の雄1例(動物番号10211)の精巣および精巣上体についても検査した。鏡検の結果、高用量群に被験物質投与の影響は認められなかったことから、低用量および中用量群の検査は実施しなかった。回復終了時剖検例については、投与終了時剖検例の検査で被験物質投与の影響は認められなかったことから、検査は実施しなかった。
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検査方法 : パラフィン包埋後薄切し、ヘマトキシリン・エオジン染色標本を作製して鏡検した。

3.10.2 生殖発生毒性

3.10.2.1 性周期検査

例数 : 主試験群の雌の全例
 期間 : 投与開始日から交尾成立まで。
 交尾不成立例については交配 14 日まで。
 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。
 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
 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、同試験群内の雌雄 1 対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。
 交配組み合せ : 同一群の動物番号末尾が同一の動物を一対とした。
 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。

$$\text{交尾率 (Copulation index, \%)} = \frac{\text{交尾成立動物数}}{\text{同居動物数}} \times 100$$

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。
 次式から群毎に受胎率を算出した。

$$\text{受胎率 (Fertility index, \%)} = \frac{\text{受胎動物数}}{\text{交尾成立動物数}} \times 100$$

3.10.2.3 分娩および哺育状態観察

例数 : 交尾成立した雌の全例

- 分娩観察 : 交尾が確認された雌動物は全例自然分娩させた。
 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。
- 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。
 1 匹以上の生存児を出産したものを作常出産とした。
 次式から群毎に出産率を算出した。
- $$\text{出産率 (Gestation index, \%)} = \frac{\text{正常出産雌数}}{\text{妊娠雌数}} \times 100$$
- 妊娠期間の算出 : 妊娠 0 日から哺育 0 日までの期間の日数を計数した。
- 着床率の算出 : 剖検時に各雌の子宮内の着床痕および卵巣の妊娠黄体数を計数した。
 次式から腹毎に着床率を算出した。
- $$\text{着床率 (Implantation index, \%)} = \frac{\text{着床数}}{\text{黄体数}} \times 100$$
- 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。次式から腹毎に出生率および生存児の外表異常児出現率を算出した。
- $$\text{出生率 (Birth index, \%)} = \frac{\text{生後 0 日の生存児数}}{\text{着床数}} \times 100$$
- $$\text{外表異常児出現率} (\%) = (\text{外表異常児数} / \text{出産生児数}) \times 100$$
- $$\text{外表異常児を持つ腹の頻度} = \text{外表異常児を持つ腹数} / \text{出産動物数}$$
- 出産児の性比の算出 : 生後 0 および 4 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。死亡児を含めない生後 0 日の生存児を対象として群毎に以下を算出した。
- $$\text{生後 0 日の生存児の性比 (Sex ratio, \%)} = \frac{\text{雄生存児数}}{\text{雄生存児数} + \text{雌生存児数}} \times 100$$

哺育 4 日の哺育率の算出：次式から群毎に算出した。

$$\text{哺育率 (Nursing index, \%)} = \frac{\text{哺育 4 日に生存児を持つ雌数}}{\text{生児出産雌数}} \times 100$$

3.10.2.4 新生児の一般状態観察

例数 : 全例

頻度	: 1回／日
期間	: 生後 0 日から生後 4 日 (剖検日) までとした.
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 日および 4 日の新生児生存率を次式から腹毎に算出した.

$$\text{生後 0 日の生存率 (Viability index, %)} = \frac{\text{生後 0 日の生存児数}}{\text{出産児数}} \times 100$$

$$\text{生後 4 日の生存率 (Viability index, %)} = \frac{\text{生後 4 日の生存児数}}{\text{生後 0 日の生存児数}} \times 100$$

3.10.2.5 新生児の体重測定

例数・時期	: 生存児全例について, 生後 0 および 4 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・ディ) を用いて個体別に測定し, 0.1 g まで記録した. 雌雄毎に腹当たりの平均体重を求めた.

3.10.2.6 新生児の剖検

時期・例数	: 生後 4 日に全例について実施した.
検査方法	: 体外表 (口腔内を含む) を観察し, ペントバルビタールナトリウム過剰投与により安楽死させ, 全身の器官・組織を肉眼的に観察した.

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, 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, 出生率, 妊娠期間および外表異常児出現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の比較を行った. Kruskal-Wallis 法の解析の結果, 有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用い対照群との比較を行った. なお, 妊娠黄体数, 着床率ならびに生後 0 日および 4 日の生存率は別途統計解析システム (三研システム株式会社) および SAS システムを用いて上記と同様の検定を実施した.

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の比較を行った。

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については、Fisher の正確確率検定法を用いた。なお、哺育率は別途 SAS システムを用いて上記と同様の検定を実施した。

サテライト群における握力、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 検定による等分散の解析を行った。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の比較を行った。

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の比較を行った。

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)、体重、摂餌量、血液学的検査、血液化学的検査、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)、尿検査、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、新生児の一般状態、外表異常および性別

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 ~ 1-32 に示す。

[投与期間]

(1) 雄：主試験群

対照群を含む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

対照群を含む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群の動物には異常は認められなかった。

[回復期間]

(1) 雄：サテライト群

対照群および1000 mg/kg群の動物には異常は認められなかった。

(2) 雌：サテライト群（非交配群）

対照群および1000 mg/kg群の動物には異常は認められなかった。

4.1.2 詳細な状態観察

詳細な状態観察の成績をTable 2-1～4-5, Appendix 2-1～4-66に示す。

[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認められなかった。

(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認められなかった。

(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認められなかった。

[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認められなかった。

(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認められなかった。

4.1.3 機能検査

刺激に対する感覚運動反応の成績をTable 5-1～5-5, Appendix 5-1～5-14, 握力の成績をTable 6-1～6-5, Appendix 6-1～6-14, 自発運動量の成績をTable 7-1～7-5, Appendix 7-1～7-14に示す。

[投与4週]

(1) 雄：主試験群

100および300 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認められな

かった。1000 mg/kg 群では、自発運動量の測定において、50～60 分に有意な高値が認められたが、0～60 分の合計に有意な差がみられないことから、偶発的な変化と考えられた。その他の項目には対照群と比較して有意な差は認められなかった。

(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認められなかった。

[回復 2 週]

(1) 雄：サテライト群

1000 mg/kg 群では、自発運動量の測定において、40～50 分に有意な高値が認められたが、0～60 分の合計に有意な差がみられないことから、偶発的な変化と考えられた。その他の項目には対照群と比較して有意な差は認められなかった。

(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認められなかった。

[哺育 4 日]

(1) 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認められなかった。

4.1.4 体重

体重の成績を 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

いずれの投与群においても、体重および体重増加量に対照群と比較して有意な差は認められなかった。

(2) 雌：主試験群

100 および 300 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認められなかった。1000 mg/kg 群では、妊娠期間中の体重増加量に有意な低値が認められた。

(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認められなかった。

[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認められなかった。

(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認められなかった。

4.1.5 摂餌量

摂餌量の成績を 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

いずれの投与群においても対照群と比較して有意な差は認められなかった.

(2) 雌：主試験群

いずれの投与群においても対照群と比較して有意な差は認められなかった.

(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認められなかった.

[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認められなかった.

(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認められなかった.

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認められなかった.

(2) 雌：サテライト群（非交配群）

いずれの項目にも 1000 mg/kg 群と対照群の間に有意な差は認められなかった.

[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認められなかった.

(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認められなかった.

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

100 および 300 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認められなかった。1000 mg/kg 群では、血小板数に有意な高値が認められた。

(2) 雌：主試験群

100 および 300 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認められなかった。1000 mg/kg 群では、網赤血球数に有意な低値が認められた。

(3) 雌：サテライト群（非交配群）

1000 mg/kg 群では、赤血球数に有意な低値、平均赤血球容積 (MCV) および平均赤血球ヘモグロビン量 (MCH) に有意な高値が認められた。

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では、いずれの検査項目にも対照群と比較して有意な差は認められなかった。

(2) 雌：サテライト群（非交配群）

1000 mg/kg 群では、いずれの検査項目にも対照群と比較して有意な差は認められなかった。

4.1.8 血液化学的検査

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

[投与期間終了時]

(1) 雄：主試験群

100 および 300 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認められなかった。1000 mg/kg 群では、ALP 対照群と比較して有意な高値が認められた。

(2) 雌：主試験群

100 および 300 mg/kg 群では、いずれの検査項目にも対照群と比較して有意な差は認められなかった。1000 mg/kg 群では、無機リンおよび蛋白分画の α_2 -グロブリンに対照群と比較して有意な低値が認められた。

(3) 雌：サテライト群（非交配群）

1000 mg/kg 群では、いずれの検査項目にも対照群と比較して有意な差は認められなかった。

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では、カリウムに対照群と比較して有意な低値が認められたが、投与期間終了時には認められない変化であり、被験物質投与と関連しないと考えられた。

(2) 雌：サテライト群（非交配群）

1000 mg/kg 群では、総コレステロール (T-Chol) およびカルシウムに対照群と比較して有意

な高値が認められたが、投与期間終了時には認められない変化であり、被験物質投与と関連しないと考えられた。

4.1.9 病理検査

4.1.9.1 剖検

剖検所見を Table 13-1 ~ 13-5, Appendix 13-1 ~ 13-14 に示す。

[投与期間終了時]

(1) 雄：主試験群

100 mg/kg 群では、精巣および精巣上体の小型（片側）が 1 例に認められた。対照群、300 および 1000 mg/kg 群では、異常所見は認められなかった。

(2) 雌：主試験群

対照群を含むいずれの試験群においても異常所見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 群ともに異常所見は認められなかった。

[回復期間終了時]

(1) 雄：サテライト群

対照群および 1000 mg/kg 群ともに異常所見は認められなかった。

(2) 雌：サテライト群（非交配群）

対照群および 1000 mg/kg 群ともに異常所見は認められなかった。

4.1.9.2 器官重量

器官重量の成績を Table 14-1 ~ 14-7, Appendix 14-1 ~ 14-20 に示す。

[投与期間終了時]

(1) 雄：主試験群

300 mg/kg 群で精巣上体の絶対および相対重量に有意な高値が認められたが、1000 mg/kg 群で有意な変化がみられないことから、被験物質投与に関連しない変化と考えられた。その他の器官重量には、被験物質投与群と対照群の間に有意な差は認められなかった。

(2) 雌：主試験群

100 mg/kg 群で腎臓の絶対および相対重量に有意な高値が認められたが、300 mg/kg 以上の投与群で有意な変化がみられないことから、被験物質投与に関連しない変化と考えられた。その他の器官重量には、被験物質投与群と対照群の間に有意な差は認められなかった。

(3) 雌：サテライト群（非交配群）

1000 mg/kg 群では、肝臓の相対重量に対照群と比較して有意な高値が認められた。子宮では、絶対および相対重量とも有意な高値がみられたが、剖検時の性周期検査において発情前期を示す動物が多かったための変動と考えられた。

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では、測定したいずれの器官重量にも、対照群と比較して有意な差は認められなかった。

(2) 雌：サテライト群（非交配群）

1000 mg/kg 群では、測定したいずれの器官重量にも、対照群と比較して有意な差は認められなかった。

4.1.9.3 病理組織学的検査

病理組織学的所見を Table 15-1 ~ 15-21, Appendix 15-1 ~ 15-15 に示す。

[投与期間終了時]

(1) 雄：主試験群

1000 mg/kg 群では、肺に肺胞内マクロファージ集簇、腎臓に尿細管の好塩基性化、前立腺に間質の炎症、下垂体に前葉囊胞、甲状腺に鰓後体が散見されたが、対照群に認められる所見であり、発生頻度の増加はみられないことから、被験物質投与と関連のない変化と考えられた。なお、肉眼病変のみられた 100 mg/kg 群の 1 例では精巣に精細管萎縮、精巣上体に精子減少が認められた。

(2) 雌：主試験群

1000 mg/kg 群では、甲状腺に鰓後体が 2 例にみられたが、対照群に認められる所見であり、発生頻度の増加はみられないことから、被験物質投与と関連のない変化と考えられた。

(3) 雌：サテライト群（非交配群）

1000 mg/kg 群では、肺に肺胞内マクロファージ集簇、肝臓に小肉芽腫、甲状腺に鰓後体、副腎に皮質の鉱質沈着が散見されたが、対照群または背景データ⁶⁾に認められる所見であり、発生頻度の増加はみられないことから、被験物質投与と関連のない変化と考えられた。

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 16, Appendix 16-1 ~ 16-8 に示す。

交配前 14 日間の性周期観察において、性周期の異常の発現率、発情期間隔および発情回数

には被験物質投与群と対照群の間に有意な差は認められなかった。

4.2.2 生殖能検査

生殖能検査の成績を Table 17-1 および 17-2, Appendix 17-1 ~ 17-8 に示す。

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

なお, 交尾不成立が対照群および 300 mg/kg 群で各 1 組 (動物番号 10102, 50152 および 10308, 50358) ならびに不妊が 1000 mg/kg 群で 1 組 (動物番号 10410, 50460) に認められたが, 1 例の発生であるため, 自然発生と考えられた。

4.2.3 分娩および哺育状態観察

分娩および哺育状態観察の成績を Table 18-1 ~ 18-3, Appendix 18-1 ~ 18-12 に示す。

妊娠黄体数, 着床数, 着床率, 出生率, 妊娠期間, 出産率, 出産児数, 出産児の生存児数および死亡児数ならびに哺育 4 日の哺育率には, 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認められなかった。また, いずれの出産生児にも外表異常は認められなかつた。児動物の性比に, 300 mg/kg 群で有意な高値 (雄数の増加) がみられたが, 1000 mg/kg 群では有意な差はみられないことから, 偶発的な変動と考えられた。なお, 1000 mg/kg 群の 1 腹 (動物番号 50456) で哺育 1 日に全哺育児の死亡がみられたが, 1 腹のみの発生であり, 同群の他の腹における哺育児の死亡数の増加は認められていないことから, 被験物質投与と関連しない変化と考えられた。

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 19 および 20, Appendix 19-1 ~ 19-8 および 20-1 ~ 20-4 に示す。

被験物質投与に起因する一般状態の変化はいずれの投与群においても認められなかった。

生後 0 日および 4 日の生存率には, 被験物質投与群と対照群の間に有意な差は認められなかつた。

4.2.5 新生児の体重

新生児の体重の成績を Figure 3, Table 21, Appendix 21-1 ~ 21-4 に示す。

生後 0 日および 4 日の体重には, 雌雄とも被験物質投与群と対照群の間に有意な差は認められなかつた。

4.2.6 新生児の剖検

新生児の剖検の成績を Table 22, Appendix 22-1 ~ 22-4 に示す.

生後 4 日の生存児の剖検では、1000 mg/kg 群で腎孟拡張が 1 例にみられたのみで、被験物質投与に関連する異常はいずれの投与群にも認められなかった.

生後 0-4 日の間に発見された死亡児では、いずれの動物にも異常は認められなかった.

5 考察

5.1 反復投与毒性

投与期間中および回復期間中の一般状態、詳細な状態観察、機能検査、尿検査および摂餌量には、雌雄とも被験物質投与の影響は認められなかった。1000 mg/kg 群の主試験群の雌で、妊娠期間の体重増加量に有意な低値が認められ、被験物質投与に関連した変化と考えられた。

投与期間終了時および回復期間終了時の剖検では、雌雄とも被験物質投与の影響は認められなかった。

投与期間終了時の血液学的検査では、1000 mg/kg 群の雄で血小板数に有意な高値が認められたが、5 例中 4 例の値が試験施設の背景データ（平均値±2SD : 114.9±26.80 10⁴/μL, 例数 : 35, 試験期間 : 2011 ~ 2013 年）⁷⁾ の範囲内であることに加えて、その他の血液学的検査項目に変化はみられないこと、骨髄の病理組織学的検査で変化はみられないことから、被験物質投与と関連のない変化と考えられた。一方、同群の雌では、主試験群で網赤血球数に有意な低値、非交配群で赤血球数に有意な低値、平均赤血球容積および平均赤血球ヘモグロビン量に有意な高値が認められた。これらの変化は、予備試験⁵⁾でも赤血球系への影響が認められていることから、被験物質投与に関連する毒性徴候と考えられた。回復期間終了時にはこれらの変化は認められず、回復性を示した。

投与期間終了時の血液化学的検査では、1000 mg/kg 群の雄で ALP に有意な高値が認められたが、全例の値が試験施設の背景データ（平均値±2SD : 548.7±245.14 IU/L, 例数 : 35, 試験期間 : 2011 ~ 2013 年）⁸⁾ の範囲内であることと、肝臓および骨髄の病理組織学的検査で被験物質投与に起因する異常はみられないことから、被験物質投与と関連のない変化と考えられた。同群の主試験群の雌では、無機リンおよび蛋白分画の α_2 -グロブリンに有意な低値が認められた。しかし、いずれも全例の値が試験施設の背景データ ([無機リン]平均値±2SD : 8.8±1.40 mg/dL, 例数 : 35, 試験期間 : 2011 ~ 2015 年, [α_2 -グロブリン]平均値±2SD : 7.6±2.08 %, 例数 : 35, 試験期間 : 2011 ~ 2015 年)⁹⁾ の範囲内であること、カルシウムまたは A/G 比およびその他のグロブリン分画に変化はみられず、腎臓または肝臓の病理組織学的検査で被験物質投与に起因する異常はみられないことから、被験物質投与と関連のない変化と考えられた。

器官重量では、1000 mg/kg 群の非交配群の雌で肝臓の相対重量に有意な高値が認められた。この変化は、雌で赤血球系への影響が認められており、被験物質の代謝に関連すると推定されることから、被験物質投与による毒性徴候と考えられた。回復期間終了時には有意な差は認められず、回復性を示した。

病理組織学的検査では、1000 mg/kg 群の雌雄に被験物質投与に関連する変化は認められなかった。

以上のように、100 および 300 mg/kg 群では、雌雄とも被験物質投与の影響は認められなかつた。1000 mg/kg 群では、雌の妊娠期間の体重増加量に有意な低値、非交配群の雌の肝臓重量の有意な高値、主試験群で網赤血球数に有意な低値、非交配群で赤血球数に有意な低値、平均赤血球容積および平均赤血球ヘモグロビン量に有意な高値が認められた。したがって、本試験条件下における 2,6-ナフタレンジカルボン酸の反復投与毒性に関する無影響量 (NOEL) および無毒性量 (NOAEL) はいずれも雄で 1000 mg/kg/day、雌で 300 mg/kg/day であると考えられた。

5.2 生殖発生毒性

生殖能検査では、1000 mg/kg 群まで、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、妊娠黄体数、着床数、着床率、出生率、妊娠期間、出産率、出産児数、出産児の生存児数および死亡児数ならびに哺育 4 日の哺育率には、被験物質投与に関連する変化はみられなかつた。

新生児の体重、一般状態、生存率、性比および剖検では、1000 mg/kg 群まで、被験物質投与に関連する変化はみられなかつた。

以上のように、1000 mg/kg 群まで、親動物の生殖能および新生児の発生に被験物質投与に関連した変化は認められなかつたため、本試験条件下における 2,6-ナフタレンジカルボン酸の親動物の生殖に対する無影響量 (NOEL) および無毒性量 (NOAEL) ならびに新生児の発生に対する無影響量 (NOEL) および無毒性量 (NOAEL) はいずれも 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

サテライト群雌の回復 2 週の機能検査について、試験計画書では投与 4 週に影響がみられない場合に実施しないと記載されていたが、実施した。しかし、この逸脱による試験の信頼性に対する影響はないと判断した。

その他に試験成績の信頼性に影響を及ぼしたと思われる環境要因はなかつた。

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
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 東京化成工業株式会社
- 2) Material Safety Data Sheet TCI America
- 3) 東京化成工業株式会社ホームページ オンラインカタログ
- 4) 安全データシート 和光純薬工業株式会社
- 5) 最終報告書 : 2,6-ナフタレンジカルボン酸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 (SR14252P), 株式会社化合物安全性研究所 2014 年
- 6) Histrical data of Crl:CD(SD) female rats: Histopathological findings (2006-2011) 株式会社化合物安全性研究所 社内資料
- 7) 血液学的検査 基準値 Crl:CD(SD) ラット(雄:11~12 週齢) (2014) 株式会社化合物安全性研究所 社内資料
- 8) 血液化学的検査 基準値 Crl:CD(SD) ラット(雄:11~12 週齢) (2014) 株式会社化合物安全性研究所 社内資料
- 9) 血液化学的検査 基準値 Crl:CD(SD) ラット(雌: 分娩後 5/6 日) (2015) 株式会社化合物安全性研究所 社内資料

Figure 1 - 1

Study No. : SR14252

Body weight, Male

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

Species : Rat

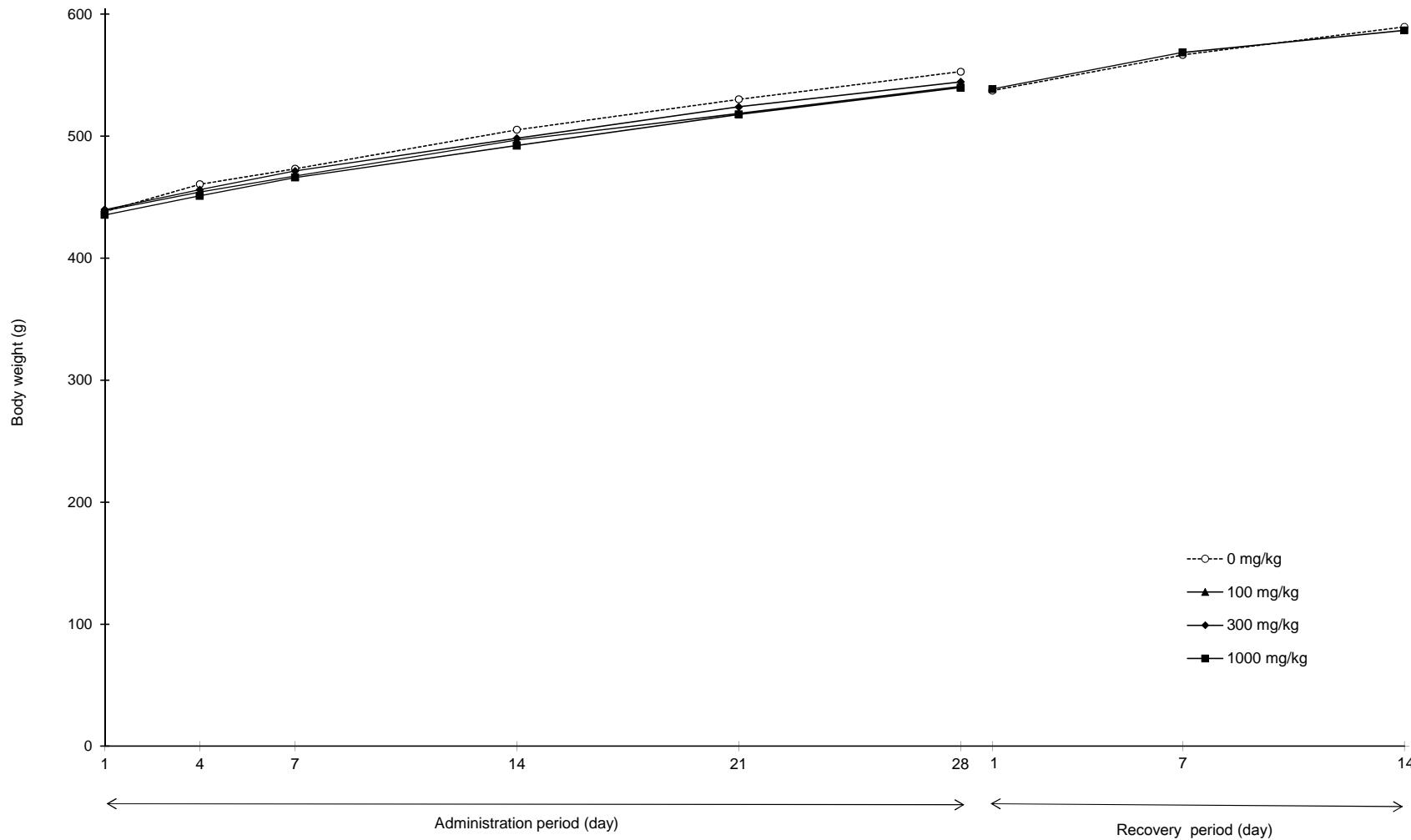


Figure 1 - 2

Study No. : SR14252

Body weight, Female

Period : F0 before mating Day 1-14, F0 gestation Day 0-20, F0 lactation Day 0-4

Species : Rat

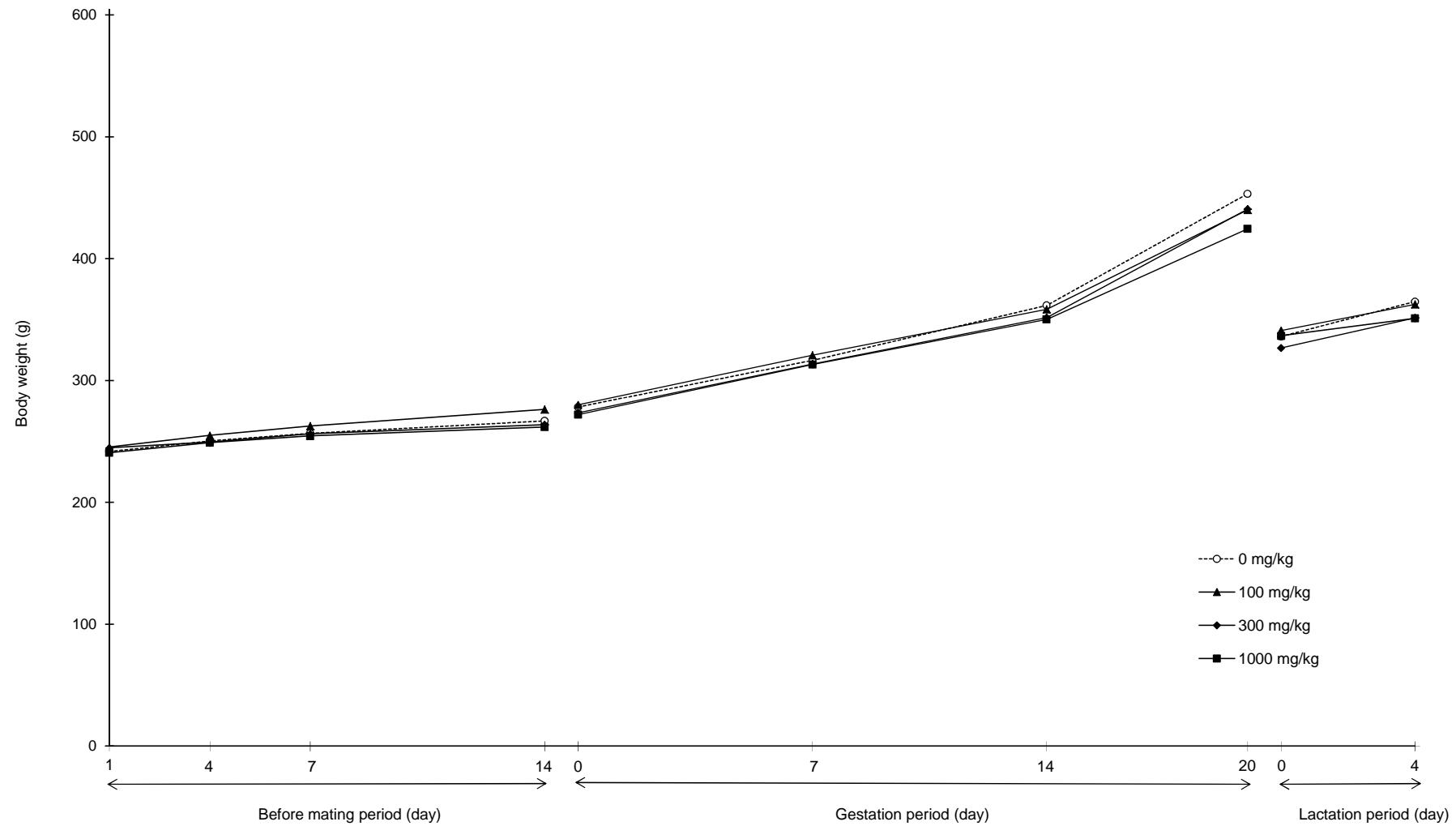


Figure 1 - 3

Study No. : SR14252

Body weight, Female (satellite)

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

Species : Rat

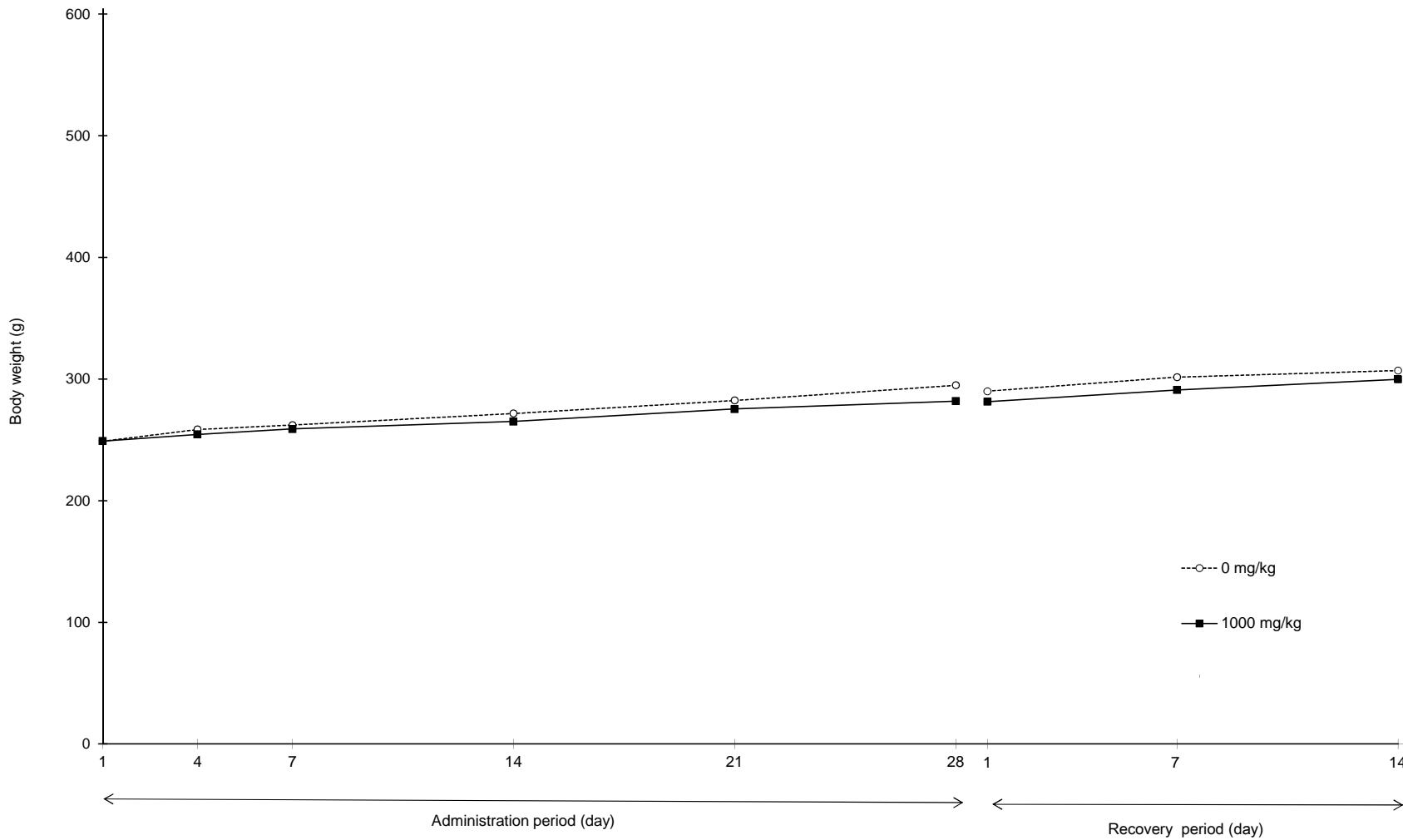


Figure 2 - 1

Study No. : SR14252

Food consumption, Male

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

Species : Rat

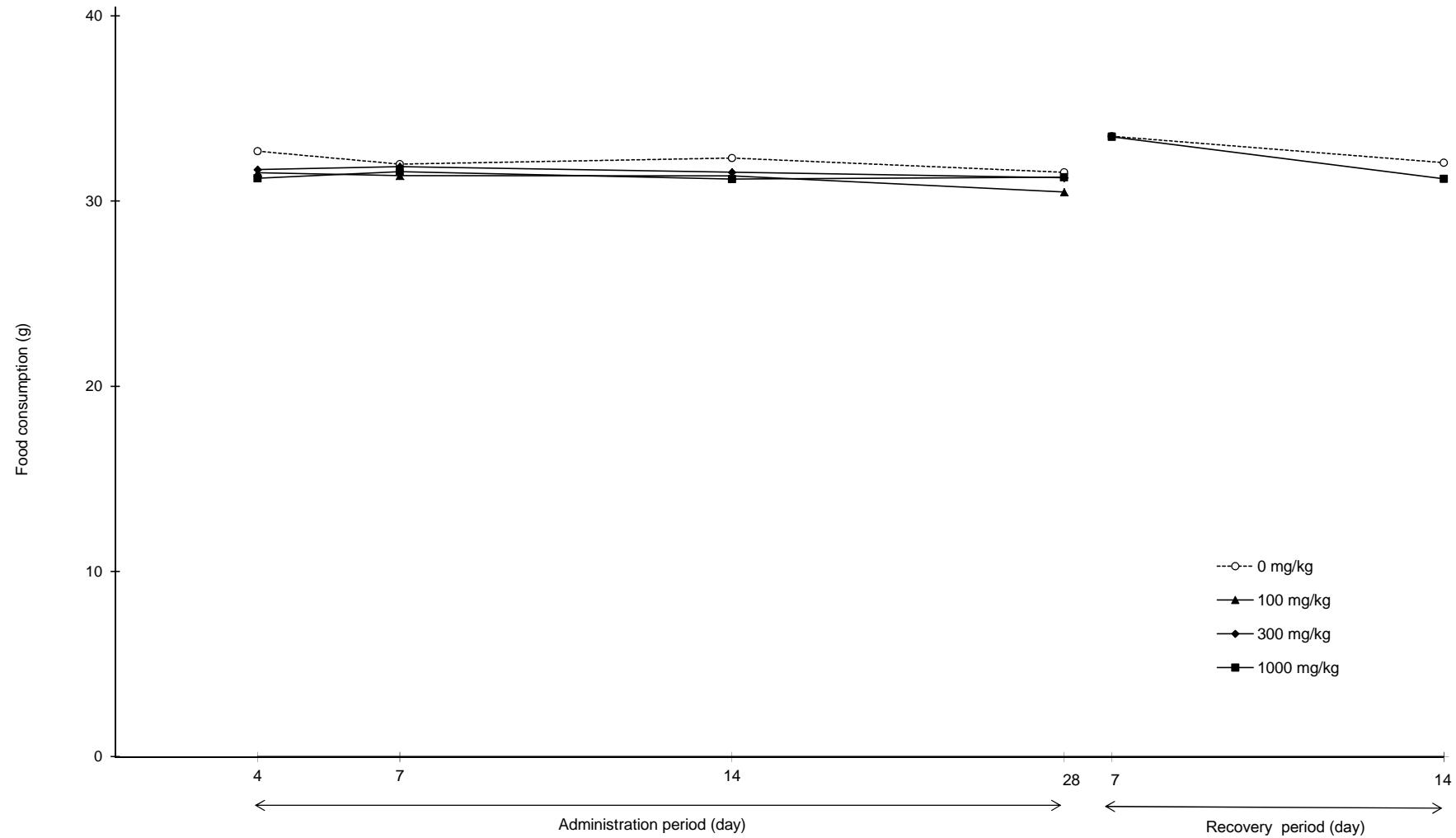


Figure 2 - 2

Study No. : SR14252

Food consumption, Female

Period : F0 before mating Day 1-14, F0 gestation Day 0-20, F0 lactation Day 0-4

Species : Rat

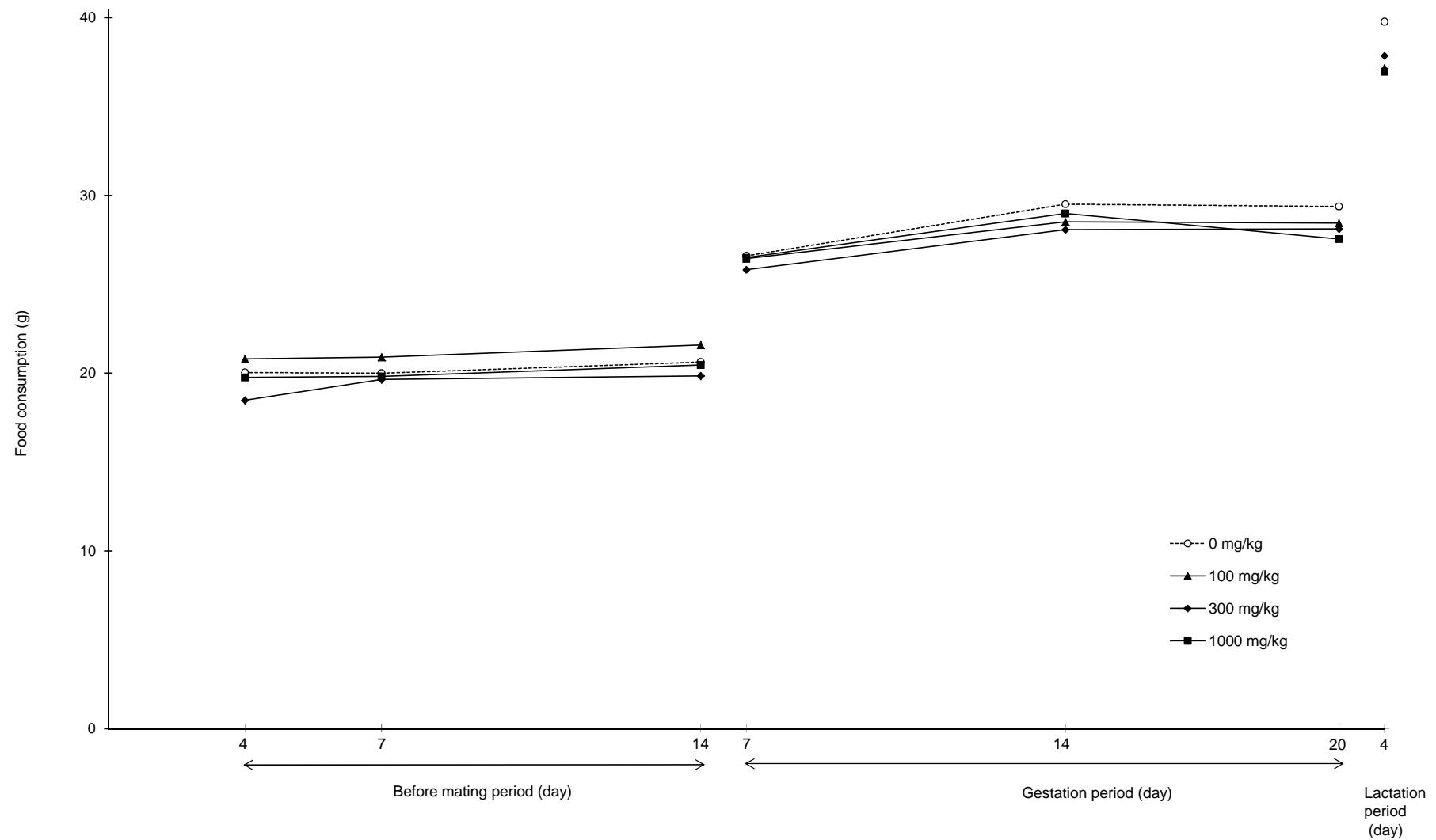


Figure 2 - 3

Study No. : SR14252

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

Species : Rat

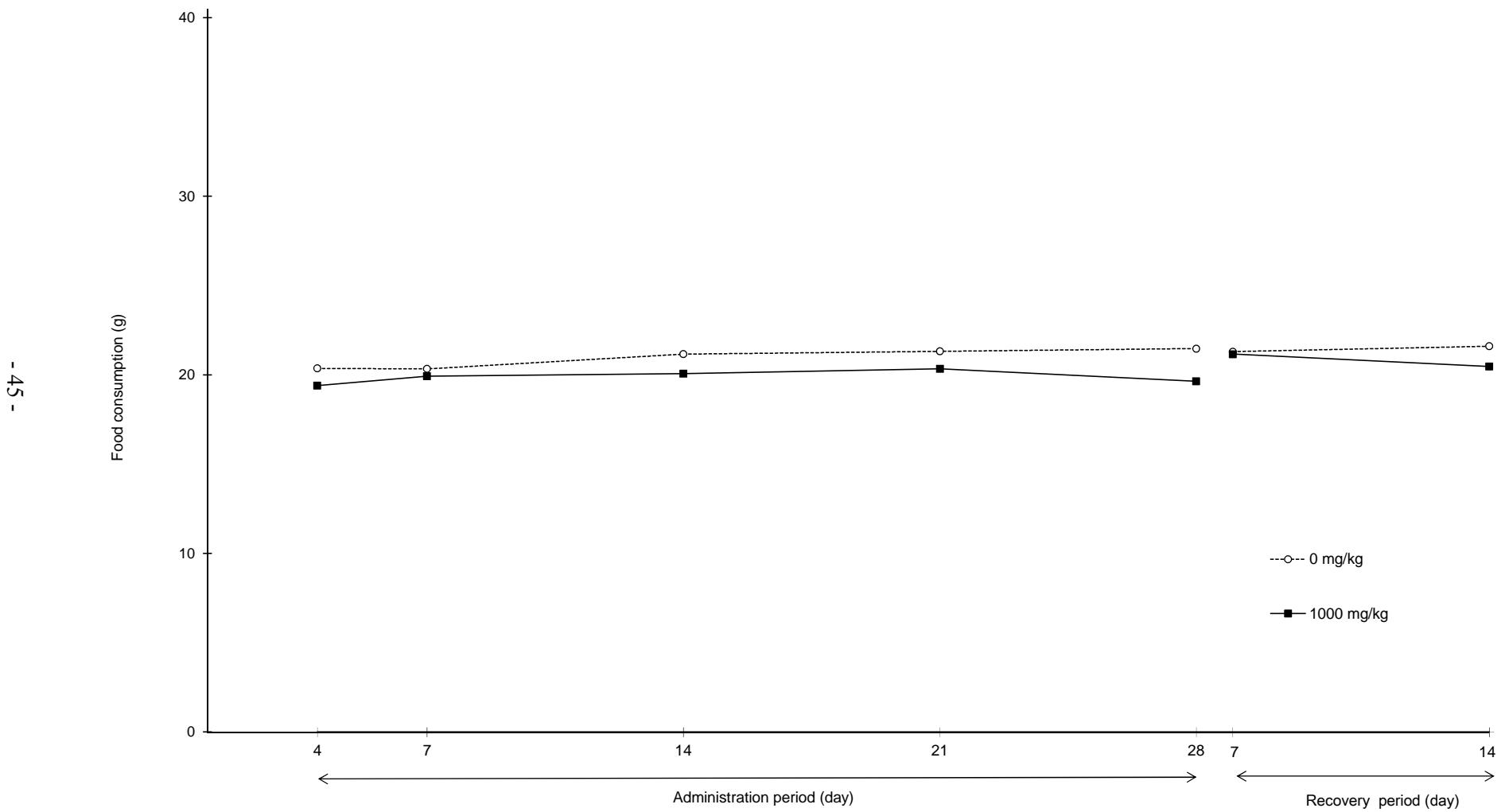


Figure 3

Study No. : SR14252

Body weight of offspring

Period : Lactation Day 0-4

Species : Rat

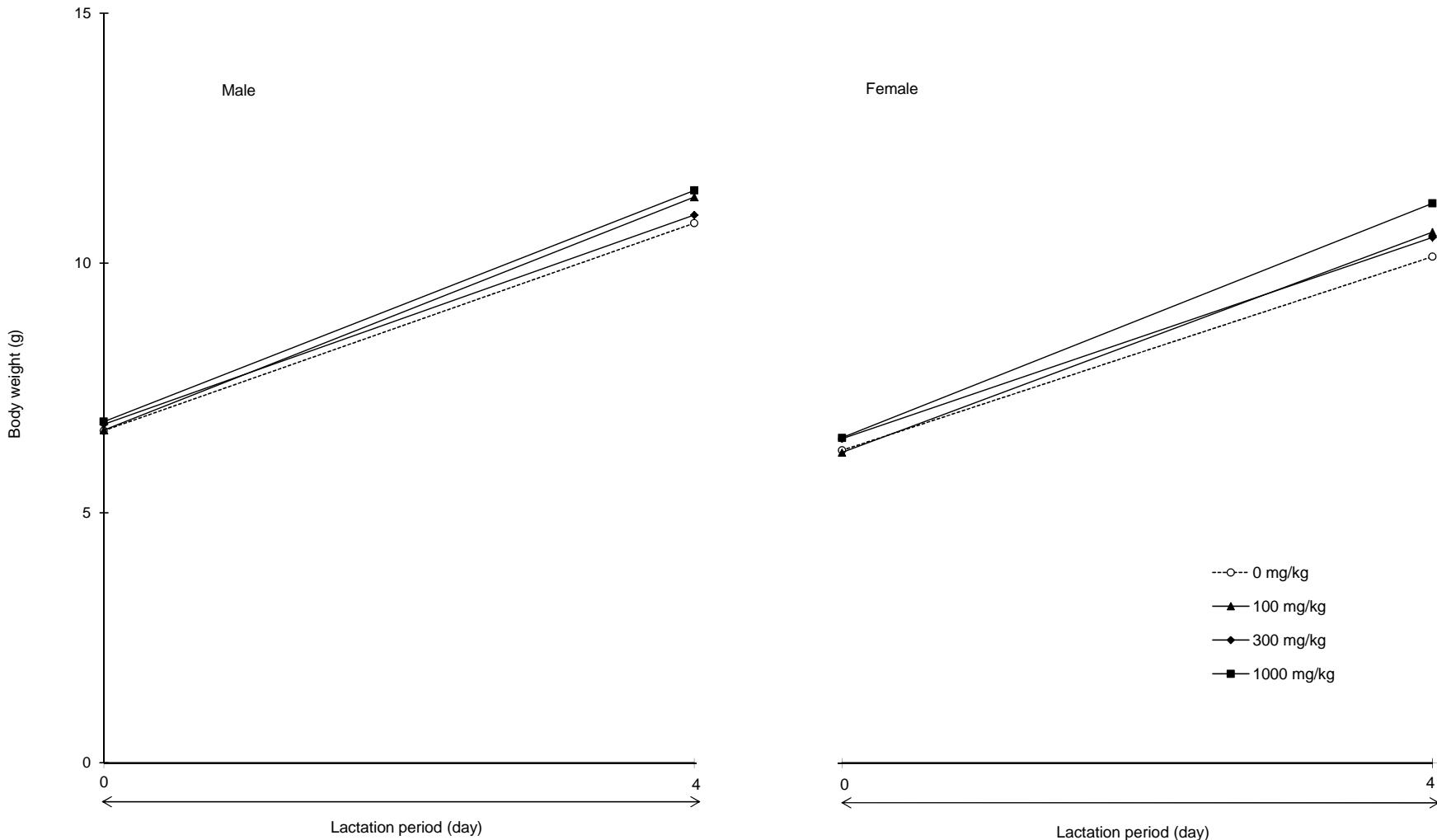


Table 1 - 1

Study No. : SR14252

Clinical sign Sex : Male		Period : Administration Day 1-29														Species : Rat		
Test article	Dose	Clinical signs	Day		1	2	3	4	5	6	7	8						
			Time		1	2	1	2	1	2	1	2	1	2	1	2		
2,6-Naphthalic Acid	n				12	12	12	12	12	12	12	12	12	12	12	12	12	
0 mg/kg	No abnormality				12	12	12	12	12	12	12	12	12	12	12	12	12	
2,6-Naphthalic Acid	n				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	
2,6-Naphthalic Acid	n				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	
2,6-Naphthalic Acid	n				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	
Test article	Dose	Clinical signs	Day	9	10	11	12	13	14	15	16							
			Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
Test article	Dose	Clinical signs	Day	17	18	19	20	21	22	23	24							
			Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
Test article	Dose	Clinical signs	Day	25	26	27	28	29										
			Time	1	2	1	2	1	2	1	2	3						
2,6-Naphthalic Acid	n			12	12	12	12	12	12	12	12	7						
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	7						
2,6-Naphthalic Acid	n			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					
2,6-Naphthalic Acid	n			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					
2,6-Naphthalic Acid	n			12	12	12	12	12	12	12	12	7						
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	7						

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Table 1 - 2

Study No. : SR14252

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52												Species : Rat					
Test article	Dose	Clinical signs		Day 1		2		3		4		5		6		7			
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2			
2,6-Naphthalic Acid	n		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		
2,6-Naphthalic Acid	n		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		
2,6-Naphthalic Acid	n		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		
2,6-Naphthalic Acid	n		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		
Test article		Clinical signs		Day 9		10		11		12		13		14		15		16	
Dose		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n		12	12	12	12	12	12	12	12	12	12	12	12	11	11	8	8	
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	11	11	8	8	
2,6-Naphthalic Acid	n		12	12	12	12	12	12	12	12	12	12	12	12	9	9	6	6	
100 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	9	9	6	6	
2,6-Naphthalic Acid	n		12	12	12	12	12	12	12	12	12	12	12	12	8	8	5	5	
300 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	8	8	5	5	
2,6-Naphthalic Acid	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		Clinical signs		Day 17		18		19		20		21		22		23		24	
Dose		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n		3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	
0 mg/kg	No abnormality		3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	
2,6-Naphthalic Acid	n		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	
2,6-Naphthalic Acid	n		4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
300 mg/kg	No abnormality		4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2,6-Naphthalic Acid	n		3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000 mg/kg	No abnormality		3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Test article		Clinical signs		Day 25		26		27		28		29		30		31		32	
Dose		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2,6-Naphthalic Acid	n		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	
2,6-Naphthalic Acid	n		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	
2,6-Naphthalic Acid	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

F0 before mating)1 : Pre-dosing, 2 : Post-dosing, F0 mating)1 : Pre-dosing, 2 : Post-dosing

Table 1 - 3

Study No. : SR14252

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52												Species : Rat				
Test article	Dose	Clinical signs	Day 33		34		35		36		37		38		39		40	
			Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			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	
2,6-Naphthalic Acid	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Test article		Day 41		42		43		44		45		46		47		48		
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Test article		Day 49		50		51		52										
Dose	Clinical signs	Time	1	2	1	2	1	2	3									
2,6-Naphthalic Acid	n			1	1	1	1	1	1									
0 mg/kg	No abnormality			1	1	1	1	1	1									
2,6-Naphthalic Acid	n			0	0	0	0	0	0									
100 mg/kg	No abnormality			0	0	0	0	0	0									
2,6-Naphthalic Acid	n			1	1	1	1	1	1									
300 mg/kg	No abnormality			1	1	1	1	1	1									
2,6-Naphthalic Acid	n			0	0	0	0	0	0									
1000 mg/kg	No abnormality			0	0	0	0	0	0									

F0 mating)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Table 1 - 4

Study No. : SR14252

Clinical sign Sex : Female		Period : F0 gestation Day 0-23														Species : Rat			
		Day 0		1		2		3		4		5		6		7			
Test article	Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
2,6-Naphthalic Acid	n			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		
2,6-Naphthalic Acid	n			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		
2,6-Naphthalic Acid	n			11	11	11	11	11	11	11	11	11	11	11	11	11	11		
300 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	11	11		
2,6-Naphthalic Acid	n			11	11	11	11	11	11	11	11	11	11	11	11	11	11		
1000 mg/kg	No abnormality			11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Test article		Clinical signs		Day 8		9		10		11		12		13		14		15	
				Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n				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	
2,6-Naphthalic Acid	n				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	
2,6-Naphthalic Acid	n				11	11	11	11	11	11	11	11	11	11	11	11	11	11	
300 mg/kg	No abnormality				11	11	11	11	11	11	11	11	11	11	11	11	11	11	
2,6-Naphthalic Acid	n				11	11	11	11	11	11	11	11	11	11	11	11	11	11	
1000 mg/kg	No abnormality				11	11	11	11	11	11	11	11	11	11	11	11	11	11	
Test article		Clinical signs		Day 16		17		18		19		20		21		22		23	
				Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
2,6-Naphthalic Acid	n				11	11	11	11	11	11	11	11	11	11	11	2	2	0	0
0 mg/kg	No abnormality				11	11	11	11	11	11	11	11	11	11	11	2	2	0	0
2,6-Naphthalic Acid	n				12	12	12	12	12	12	12	12	12	12	12	2	2	1	1
100 mg/kg	No abnormality				12	12	12	12	12	12	12	12	12	12	12	2	2	1	1
2,6-Naphthalic Acid	n				11	11	11	11	11	11	11	11	11	11	11	3	3	0	0
300 mg/kg	No abnormality				11	11	11	11	11	11	11	11	11	11	11	3	3	0	0
2,6-Naphthalic Acid	n				11	11	11	11	11	11	11	11	11	11	11	3	3	1	1
1000 mg/kg	No abnormality				11	11	11	11	11	11	11	11	11	11	11	3	3	1	1

F0 gestation)1 : Pre-dosing, 2 : Post-dosing

Table 1 - 5

Study No. : SR14252

Test article Dose	Clinical sign Sex : Female	Period : F0 lactation Day 0-5										Species : Rat
		Day		0		1		2		3		
		Time	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid 0 mg/kg	n No abnormality		11	11	11	11	11	11	11	11	11	11
2,6-Naphthalic Acid 100 mg/kg	n No abnormality		11	11	11	11	11	11	11	11	11	11
2,6-Naphthalic Acid 300 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12
2,6-Naphthalic Acid 1000 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12
			11	11	11	11	11	11	11	11	11	11
			11	11	11	11	11	11	11	11	11	11
			11	11	11	11	11	11	11	11	11	11
			11	11	11	11	11	11	11	11	11	11

F0 lactation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Table 1 - 6

Study No. : SR14252

Clinical sign Sex : Female (satellite)		Period : Administration Day 1-29														Species : Rat				
		Day		1		2		3		4		5		6		7		8		
Test article	Dose	Clinical signs		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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		
		Clinical signs		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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		
		Clinical signs		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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								
		Clinical signs		Time	1	2	1	2	1	2	1	2	1	2	3					
2,6-Naphthalic Acid	n				10	10	10	10	10	10	10	10	10	10	5					
0 mg/kg	No abnormality				10	10	10	10	10	10	10	10	10	10	5					
2,6-Naphthalic Acid	n				10	10	10	10	10	10	10	10	10	10	5					
1000 mg/kg	No abnormality				10	10	10	10	10	10	10	10	10	10	5					

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Table 1 - 7

Study No. : SR14252

Clinical sign Sex : Male		Period : Recovery Day 1-15														Species : Rat		
		Day		1		2		3		4		5		6		7		
Test article	Dose	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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	1	2	3	
2,6-Naphthalic Acid	n		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	
2,6-Naphthalic Acid	n		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	

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

Table 1 - 8

Study No. : SR14252

Clinical sign Sex : Female (satellite)		Period : Recovery Day 1-15														Species : Rat			
		Day		1		2		3		4		5		6		7		8	
Test article	Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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	1	2	3	
2,6-Naphthalic Acid	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
2,6-Naphthalic Acid	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

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

Table 2 - 1

Study No. : SR14252

Detailed clinical observation (in the cage)
Sex : Male

Species : Rat

Stage	Group	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
					1	1	1
Pre	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	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 2,6-Naphthalic Acid 0 mg/kg

Table 2 - 2

Study No. : SR14252

Detailed clinical observation (in the cage)
Sex : Female

Species : Rat

Stage	Group	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
					1	1	1
Pre	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 35	0 mg/kg	n	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12
Day 42	0 mg/kg	n	11	11	11	11	11
	100 mg/kg	n	10	10	10	10	10
	300 mg/kg	n	9	9	9	9	9
	1000 mg/kg	n	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 2,6-Naphthalic Acid 0 mg/kg

Table 2 - 3

Study No. : SR14252

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

Species : Rat

Stage	Group	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
					1	1	1
Pre	0 mg/kg	n	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10
	1000 mg/kg	n	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 2,6-Naphthalic Acid 0 mg/kg

Table 2 - 4

Study No. : SR14252

Detailed clinical observation (in the cage)
Sex : Male

Species : Rat

Stage	Group	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
					1	1	1
Recovery	0 mg/kg	n	5	5	5	5	5
Day 7	1000 mg/kg	n	5	5	5	5	5
Recovery	0 mg/kg	n	5	5	5	5	5
Day 14	1000 mg/kg	n	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 2,6-Naphthalic Acid 0 mg/kg

Table 2 - 5

Study No. : SR14252

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

Species : Rat

Stage	Group	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
					1	1	1
Recovery	0 mg/kg	n	5	5	5	5	5
Day 7	1000 mg/kg	n	5	5	5	5	5
Recovery	0 mg/kg	n	5	5	5	5	5
Day 14	1000 mg/kg	n	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 2,6-Naphthalic Acid 0 mg/kg

Table 3 - 1

Study No. : SR14252

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

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

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.

Lacration) 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 2,6-Naphthalic Acid 0 mg/kg

Table 3 - 2

Study No. : SR14252

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group	Ease of		Muscle tone	Piloerection	Fur	Mucous membranes			Pupil size	Lacration	Salivation	Secretions/Excretions	
		Removal	Handling				Eyes	0	1				1	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
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	11	11	11	11	11	11	11	11	11	11	11	11
	100 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	300 mg/kg	n	9	9	9	9	9	9	9	9	9	9	9	9
	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.

Lacration) 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 2,6-Naphthalic Acid 0 mg/kg

Table 3 - 3

Study No. : SR14252

Detailed clinical observation (on the hand)
Sex : Female (satellite)

Species : Rat

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

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.

Lacration) 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 2,6-Naphthalic Acid 0 mg/kg

Table 3 - 4

Study No. : SR14252

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group	Ease of		Muscle tone	Piloerection	Fur	Mucous membranes			Pupil size	Lacration	Salivation	Secretions/Excretions
		Removal	Handling				Eyes	1	0				
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

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.

Lacration) 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 2,6-Naphthalic Acid 0 mg/kg

Table 3 - 5

Study No. : SR14252

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group	Ease of		Muscle tone	Piloerection	Fur	Mucous membranes			Pupil size	Lacration	Salivation	Secretions/Excretions
		Removal	Handling				Eyes	1	0				
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

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.

Lacration) 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 2,6-Naphthalic Acid 0 mg/kg

Table 4 - 1

Study No. : SR14252

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						
								0	1	Excessive grooming	Unusual head movement	Walking backward				
1	1	1	1	1	0	1	0	1	0	1	0	1				
Pre	0 mg/kg	n	12	12	12	12	10	2	7	5	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	5	7	7	5	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	6	6	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	10	2	7	5	12	0	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	11	1	12	0	11	1	12	12	12	12
	100 mg/kg	n	12	12	12	12	8	4	12	0	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	10	2	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	10	2	12	0	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	8	4	9	3	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	9	3	10	2	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 21	0 mg/kg	n	12	12	12	12	11	1	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	10	2	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	11	1	12	0	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	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

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 2,6-Naphthalic Acid 0 mg/kg

Table 4 - 2

Study No. : SR14252

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				
								1	1	1	0	1	0	
Pre	0 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12
Day 35	0 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12
Day 42	0 mg/kg	n	11	11	11	11	11	0	11	0	11	11	11	11
	100 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10
	300 mg/kg	n	9	9	9	9	9	0	9	0	9	9	9	9
	1000 mg/kg	n	10	10	10	10	9	1	10	0	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 2,6-Naphthalic Acid 0 mg/kg

Table 4 - 3

Study No. : SR14252

Detailed clinical observation (in the open-field)

Sex : Female (satellite)

Species : Rat

Stage	Group	Gait	Co-ordination		Reactivity to		Searching	<u>Urination</u>	Defecation	Stereotype		Bizarre behavior		
			of movement	1	stimuli	1				Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
Pre	0 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	0	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2;Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 4 - 4

Study No. : SR14252

Detailed clinical observation (in the open-field)

Sex : Male

Species : Rat

Stage	Group	Co-ordination			Reactivity to			Stereotype		Bizarre behavior			
		Gait	of movement	1	stimuli	Searching	<u>Urination</u>	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
Recovery	0 mg/kg	n	5	5	5	5	4 1	5	5	5	5	5	5
Day 7	1000 mg/kg	n	5	5	5	5	4 1	5	5	5	5	5	5
Recovery	0 mg/kg	n	5	5	5	5	4 1	5	5	5	5	5	5
Day 14	1000 mg/kg	n	5	5	5	5	5 0	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 2,6-Naphthalic Acid 0 mg/kg

Table 4 - 5

Study No. : SR14252

Detailed clinical observation (in the open-field)

Sex : Female (satellite)

Species : Rat

Stage	Group	Co-ordination			Reactivity to			Stereotype		Bizarre behavior			
		Gait	of movement	1	stimuli	1	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	0	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	0	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	4	1	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	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 2,6-Naphthalic Acid 0 mg/kg

Table 5 - 1

Study No. : SR14252

Functional observations (on the desk)
Sex : Male

Stage : Week 4

Species : Rat

Group	n	Reactivity					Righting reflex
		Visual 4	Touch 2	Auditory 1	Pain 2	Proprioceptive 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 2,6-Naphthalic Acid 0 mg/kg

Table 5 - 2

Functional observations (on the desk)
Sex : Female

Stage : Lactation day 4

Study No. : SR14252

Species : Rat

Group	n	Reactivity					Righting reflex
		Visual 4	Touch 2	Auditory 1	Pain 2	Proprioceptive 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 2,6-Naphthalic Acid 0 mg/kg

Table 5 - 3

Study No. : SR14252

Functional observations (on the desk)
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Group	n	Reactivity					Righting reflex
		Visual 4	Touch 2	Auditory 1	Pain 2	Proprioceptive 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 2,6-Naphthalic Acid 0 mg/kg

Table 5 - 4

Study No. : SR14252

Functional observations (on the desk)
Sex : Male

Stage : Recovery Week 2

Species : Rat

Group	n	Reactivity					Righting reflex
		Visual 4	Touch 2	Auditory 1	Pain 2	Proprioceptive 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 2,6-Naphthalic Acid 0 mg/kg

Table 5 - 5

Study No. : SR14252

Functional observations (on the desk)
Sex : Female (satellite)

Stage : Recovery Week 2

Species : Rat

Group	n	Reactivity					Righting reflex
		Visual 4	Touch 2	Auditory 1	Pain 2	Proprioceptive 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 2,6-Naphthalic Acid 0 mg/kg

Table 6 - 1

Study No. : SR14252

Sex : Male	Grip strength		Stage : Week 4	Species : Rat
	Forelimb	Hindlimb		
Test article		g	g	
Dose				
2,6-Naphthalic Acid	n	5	5	
0 mg/kg	Mean	1422.38	596.58	
	S.D.	159.20	76.47	
2,6-Naphthalic Acid	n	5	5	
100 mg/kg	Mean	1381.12	632.34	
	S.D.	141.49	63.98	
2,6-Naphthalic Acid	n	5	5	
300 mg/kg	Mean	1486.80	605.60	
	S.D.	61.22	54.07	
2,6-Naphthalic Acid	n	5	5	
1000 mg/kg	Mean	1410.28	579.46	
	S.D.	42.28	58.84	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 6 - 2

Study No. : SR14252

Sex : Female	Grip strength		Stage : Lactation Day 4	Species : Rat
	Forelimb	Hindlimb		
Test article		g	g	
Dose				
2,6-Naphthalic Acid	n	5	5	
0 mg/kg	Mean	1267.86	527.86	
	S.D.	105.72	48.70	
2,6-Naphthalic Acid	n	5	5	
100 mg/kg	Mean	1340.54	525.06	
	S.D.	193.90	72.93	
2,6-Naphthalic Acid	n	5	5	
300 mg/kg	Mean	1232.48	486.38	
	S.D.	108.73	53.22	
2,6-Naphthalic Acid	n	5	5	
1000 mg/kg	Mean	1303.00	570.86	
	S.D.	137.23	63.77	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 6 - 3

Study No. : SR14252

	Grip strength		Stage : Week 4	Species : Rat
	Forelimb	Hindlimb		
Test article	g	g		
Dose				
2,6-Naphthalic Acid	n	5	5	
0 mg/kg	Mean	1182.52	459.32	
	S.D.	46.45	16.58	
2,6-Naphthalic Acid	n	5	5	
1000 mg/kg	Mean	1187.32	462.40	
	S.D.	59.99	34.48	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 6 - 4

Study No. : SR14252

Sex : Male	Grip strength		Stage : Recovery Week 2	Species : Rat
	Forelimb	Hindlimb		
Test article		g	g	
Dose				
2,6-Naphthalic Acid	n	5	5	
0 mg/kg	Mean	1620.14	736.02	
	S.D.	222.86	43.79	
2,6-Naphthalic Acid	n	5	5	
1000 mg/kg	Mean	1542.60	717.58	
	S.D.	91.75	66.02	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 6 - 5

Study No. : SR14252

	Grip strength		Stage : Recovery Week 2	Species : Rat
	Sex : Female (satellite)	Forelimb		
Test article		g	g	
Dose				
2,6-Naphthalic Acid	n	5	5	
0 mg/kg	Mean	1294.48	567.40	
	S.D.	148.26	54.62	
2,6-Naphthalic Acid	n	5	5	
1000 mg/kg	Mean	1256.08	535.94	
	S.D.	67.72	47.13	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 7 - 1

Study No. : SR14252

	Motor activity measurements		Stage : Week 4					Species : Rat	
	Sex : Male		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	
Test article	No.	No.	No.	No.	No.	No.	No.	No.	
Dose	n	5	5	5	5	5	5	5	
2,6-Naphthalic Acid	Mean	571.4	391.8	219.6	230.8	168.0	112.6	1694.2	
0 mg/kg	S.D.	168.5	163.4	72.5	183.7	64.7	100.7	439.8	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	
100 mg/kg	Mean	587.6	519.2	450.8	325.6	259.2	206.8	2349.2	
	S.D.	244.7	224.1	225.9	157.1	175.4	96.0	967.1	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	
300 mg/kg	Mean	575.2	483.0	381.6	305.8	240.0	102.6	2088.2	
	S.D.	156.6	142.5	159.8	233.9	182.9	113.3	868.3	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	
1000 mg/kg	Mean	617.0	514.2	470.4	410.2	371.8	354.4	2738.0	
	S.D.	239.5	127.8	127.8	155.5	108.3	194.8	751.3	DT *

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 7 - 2

Study No. : SR14252

Test article Dose	Motor activity measurements Sex : Female							Species : Rat
	Stage : Lactation Day 4							
	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
2,6-Naphthalic Acid 0 mg/kg	n Mean S.D.	5 491.0 306.5	5 247.2 222.0	5 218.6 234.9	5 168.2 135.2	5 199.8 223.0	5 145.2 158.7	5 1470.0 1149.3
2,6-Naphthalic Acid 100 mg/kg	n Mean S.D.	5 575.4 463.1	5 260.2 344.7	5 151.4 190.4	5 317.2 304.9	5 209.0 215.9	5 274.8 247.2	5 1788.0 1620.3
2,6-Naphthalic Acid 300 mg/kg	n Mean S.D.	5 540.6 176.2	5 124.6 118.0	5 151.2 156.3	5 235.4 128.0	5 277.2 229.3	5 166.4 158.3	5 1495.4 653.7
2,6-Naphthalic Acid 1000 mg/kg	n Mean S.D.	5 815.2 283.3	5 428.8 279.7	5 225.8 140.1	5 215.8 127.7	5 262.4 200.7	5 266.2 378.2	5 2214.2 749.0

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 7 - 3

Study No. : SR14252

	Motor activity measurements							Species : Rat
	Stage : Week 4							
Test article	Sex : Female (satellite)							
	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	
0 mg/kg	Mean	710.2	453.4	389.2	227.0	163.0	109.0	2051.8
	S.D.	458.0	269.3	274.9	157.7	156.9	133.7	1016.1
2,6-Naphthalic Acid	n	5	5	5	5	5	5	
1000 mg/kg	Mean	638.2	576.6	446.2	362.4	299.6	223.4	2546.4
	S.D.	410.7	440.0	468.2	333.5	492.2	371.0	2420.3

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 7 - 4

Study No. : SR14252

Test article Dose	Motor activity measurements		Stage : Recovery Week 2					Species : Rat	
	Sex : Male	No.	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	
2,6-Naphthalic Acid 0 mg/kg	n	5	5	5	5	5	5	5	5
	Mean	525.8	424.2	236.8	204.0	108.8	122.4	1622.0	
	S.D.	256.4	237.6	163.3	203.0	81.9	77.4	973.9	
2,6-Naphthalic Acid 1000 mg/kg	n	5	5	5	5	5	5	5	5
	Mean	538.6	480.0	371.6	344.4	314.2	213.2	2262.0	
	S.D.	191.7	233.1	141.1	164.2	161.6	164.6	1001.4	T2 *

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

T2 : Student t-test (two-side)

Table 7 - 5

Study No. : SR14252

	Motor activity measurements		Stage : Recovery Week 2					Species : Rat	
	Sex : Female (satellite)		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	
Test article	No.	No.	No.	No.	No.	No.	No.	No.	
Dose	n	5	5	5	5	5	5	5	
2,6-Naphthalic Acid	Mean	758.4	475.8	403.2	325.6	258.2	302.8	2524.0	
0 mg/kg	S.D.	181.4	102.8	137.9	107.5	151.6	159.7	703.5	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	
1000 mg/kg	Mean	781.8	578.8	470.2	361.8	301.6	185.0	2679.2	
	S.D.	172.9	153.2	169.3	145.8	210.4	134.5	768.4	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 8 - 1

Study No. : SR14252

Test article	Dose	Body weight Sex : Male /Day		Period : Administration Day 1-28					Unit : g	Species : Rat
		1	4	7	14	21	28	Body weight gain		
2,6-Naphthalic Acid 0 mg/kg	n	12	12	12	12	12	12	12	12	
	Mean	438.3	460.6	473.3	505.3	530.2	552.9	552.9	114.6	
	S.D.	23.7	25.2	27.2	34.7	39.9	48.8	48.8	29.1	
2,6-Naphthalic Acid 100 mg/kg	n	12	12	12	12	12	12	12	12	
	Mean	438.8	454.3	467.3	496.8	518.5	540.6	540.6	101.8	
	S.D.	22.5	25.8	27.5	30.2	29.5	29.7	29.7	14.0	
2,6-Naphthalic Acid 300 mg/kg	n	12	12	12	12	12	12	12	12	
	Mean	439.8	456.2	471.5	498.3	524.0	544.5	544.5	104.7	
	S.D.	22.0	25.1	27.2	33.2	37.9	41.5	41.5	23.3	
2,6-Naphthalic Acid 1000 mg/kg	n	12	12	12	12	12	12	12	12	
	Mean	435.5	451.1	466.1	492.3	517.8	539.8	539.8	104.3	
	S.D.	21.5	23.2	25.2	29.5	29.6	33.2	33.2	19.6	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 8 - 2

Study No. : SR14252

Test article Dose	Sex : Female /Day	Period : F0 before mating Day 1-14				Unit : g	Species : Rat
		1	4	7	14		
2,6-Naphthalic Acid 0 mg/kg	n	12	12	12	12	12	
	Mean	241.9	250.5	256.7	266.9	25.0	
	S.D.	19.1	20.5	21.3	23.9	9.0	
2,6-Naphthalic Acid 100 mg/kg	n	12	12	12	12	12	
	Mean	245.4	254.9	262.7	276.3	30.8	
	S.D.	20.7	17.7	19.8	24.1	7.5	
2,6-Naphthalic Acid 300 mg/kg	n	12	12	12	12	12	
	Mean	244.7	249.4	256.2	263.8	19.2	
	S.D.	14.9	15.3	15.4	19.8	6.9	
2,6-Naphthalic Acid 1000 mg/kg	n	12	12	12	12	12	
	Mean	240.7	249.1	254.5	261.8	21.1	
	S.D.	18.3	16.3	17.6	19.5	8.7	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 8 - 3

Study No. : SR14252

Test article	Sex : Female	Period : F0 gestation Day 0-20					Unit : g	Species : Rat
		/Day	0	7	14	20	Body weight gain	
2,6-Naphthalic Acid	n	11	11	11	11	11	11	
0 mg/kg	Mean	278.4	316.6	361.7	453.3	453.3	174.9	
	S.D.	25.0	25.8	30.6	35.5	35.5	14.5	
2,6-Naphthalic Acid	n	12	12	12	12	12	12	
100 mg/kg	Mean	280.1	320.8	358.5	440.0	440.0	159.9	
	S.D.	22.3	22.4	22.1	31.2	31.2	19.2	
2,6-Naphthalic Acid	n	11	11	11	11	11	11	
300 mg/kg	Mean	273.5	313.6	351.8	440.7	440.7	167.2	
	S.D.	20.4	25.3	30.3	31.5	31.5	17.2	
2,6-Naphthalic Acid	n	11	11	11	11	11	11	
1000 mg/kg	Mean	272.1	313.1	350.2	424.6	424.6	152.5	
	S.D.	21.5	25.1	28.7	31.8	31.8	24.1	
							DT *	

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 8 - 4

Study No. : SR14252

Test article	Sex : Female	Body weight			Period : F0 lactation Day 0-4	Unit : g	Species : Rat
		/Day	0	4			
Dose			Body weight gain				
2,6-Naphthalic Acid	n	11	11	11			
0 mg/kg	Mean	336.4	364.8	28.5			
	S.D.	34.7	33.8	10.5			
2,6-Naphthalic Acid	n	12	12	12			
100 mg/kg	Mean	341.1	362.5	21.4			
	S.D.	26.7	32.0	9.5			
2,6-Naphthalic Acid	n	11	11	11			
300 mg/kg	Mean	326.7	351.5	24.7			
	S.D.	28.7	29.0	12.7			
2,6-Naphthalic Acid	n	11	10	10			
1000 mg/kg	Mean	336.7	351.0	17.7			
	S.D.	28.3	25.9	10.7			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 8 - 5

Study No. : SR14252

Test article	Dose	Body weight Sex : Female (satellite)		Period : Administration Day 1-28					Unit : g	Species : Rat	
		/Day		1	4	7	14	21	28		
2,6-Naphthalic Acid	0 mg/kg	n	10	10	10	10	10	10	10	10	
		Mean	249.0	258.6	262.3	271.8	282.5	295.0	46.0		
		S.D.	7.5	7.8	8.1	6.3	14.2	19.6	16.3		
2,6-Naphthalic Acid	1000 mg/kg	n	10	10	10	10	10	10	10	10	
		Mean	249.0	254.5	259.0	265.1	275.4	281.8	32.8		
		S.D.	9.1	8.1	14.4	18.0	15.8	18.7	17.8		

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 8 - 6

Study No. : SR14252

Test article	Sex : Male	Period : Recovery Day 1-14					Unit : g	Species : Rat
		/Day	1	7	14	Body weight gain		
2,6-Naphthalic Acid	n		5	5	5	5		
0 mg/kg	Mean	537.4	566.6	589.6	52.2			
	S.D.	15.0	16.9	27.3	14.4			
2,6-Naphthalic Acid	n		5	5	5	5		
1000 mg/kg	Mean	538.6	568.6	586.8	48.2			
	S.D.	5.2	6.1	11.6	13.2			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 8 - 7

Study No. : SR14252

Test article	Sex : Female (satellite)	Period : Recovery Day 1-14					Unit : g	Species : Rat
		/Day	1	7	14	Body weight gain		
2,6-Naphthalic Acid	n		5	5	5	5		
0 mg/kg	Mean	290.0		301.6	307.0	17.0		
	S.D.	13.2		15.4	12.8	7.0		
2,6-Naphthalic Acid	n		5	5	5	5		
1000 mg/kg	Mean	281.4		291.0	299.8	18.4		
	S.D.	20.2		22.9	29.2	14.0		

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 1

Study No. : SR14252

Test article	Sex : Male	Food consumption /Day				Period : Administration Day 1-28	Unit : g	Species : Rat
		4	7	14	28			
2,6-Naphthalic Acid	n	12	12	12	11			
0 mg/kg	Mean	32.69	32.00	32.32	31.56			
	S.D.	2.99	3.15	3.31	3.98			
2,6-Naphthalic Acid	n	12	12	12	12			
100 mg/kg	Mean	31.52	31.37	31.35	30.48			
	S.D.	3.09	2.80	2.35	1.91			
2,6-Naphthalic Acid	n	12	12	12	11			
300 mg/kg	Mean	31.70	31.86	31.56	31.25			
	S.D.	3.03	2.84	2.86	2.53			
2,6-Naphthalic Acid	n	12	12	12	12			
1000 mg/kg	Mean	31.23	31.58	31.18	31.29			
	S.D.	2.90	2.95	3.27	2.97			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 2

Study No. : SR14252

Test article	Sex : Female	Food consumption /Day			Period : F0 before mating Day 1-14	Unit : g	Species : Rat
		4	7	14			
2,6-Naphthalic Acid	n	12	12	12			
0 mg/kg	Mean	20.05	20.01	20.63			
	S.D.	2.33	2.13	1.90			
2,6-Naphthalic Acid	n	12	12	12			
100 mg/kg	Mean	20.81	20.91	21.59			
	S.D.	1.77	1.48	1.86			
2,6-Naphthalic Acid	n	12	12	12			
300 mg/kg	Mean	18.48	19.65	19.85			
	S.D.	1.64	1.38	1.93			
2,6-Naphthalic Acid	n	12	12	12			
1000 mg/kg	Mean	19.76	19.82	20.46			
	S.D.	2.18	1.75	1.78			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 3

Study No. : SR14252

Test article	Sex : Female	Food consumption /Day			Period : F0 gestation Day 0-20	Unit : g	Species : Rat
		7	14	20			
2,6-Naphthalic Acid	n	11	11	11			
0 mg/kg	Mean	26.61	29.52	29.38			
	S.D.	2.42	2.43	1.73			
2,6-Naphthalic Acid	n	12	12	12			
100 mg/kg	Mean	26.45	28.51	28.44			
	S.D.	2.24	2.51	2.98			
2,6-Naphthalic Acid	n	11	11	11			
300 mg/kg	Mean	25.82	28.08	28.12			
	S.D.	2.62	3.61	2.57			
2,6-Naphthalic Acid	n	11	11	11			
1000 mg/kg	Mean	26.50	28.99	27.55			
	S.D.	2.86	3.26	1.63			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 4

Study No. : SR14252

Test article	Food consumption		Period : F0 lactation Day 0-4	Unit : g	Species : Rat
	Sex : Female	/Day			
Dose		4			
2,6-Naphthalic Acid	n	11			
0 mg/kg	Mean	39.78			
	S.D.	4.71			
2,6-Naphthalic Acid	n	12			
100 mg/kg	Mean	37.18			
	S.D.	5.48			
2,6-Naphthalic Acid	n	11			
300 mg/kg	Mean	37.86			
	S.D.	4.37			
2,6-Naphthalic Acid	n	10			
1000 mg/kg	Mean	36.96			
	S.D.	2.92			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 5

Study No. : SR14252

Test article	Food consumption Sex : Female (satellite)	Period : Administration Day 1-28					Unit : g	Species : Rat
		/Day	4	7	14	21		
2,6-Naphthalic Acid		n	10	10	10	10	10	
0 mg/kg		Mean	20.37	20.33	21.16	21.32	21.47	
		S.D.	1.32	1.75	1.47	2.73	2.81	
2,6-Naphthalic Acid		n	10	10	10	10	10	
1000 mg/kg		Mean	19.40	19.92	20.06	20.34	19.64	
		S.D.	2.33	2.71	1.89	1.94	2.42	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 6

Study No. : SR14252

Test article	Food consumption		Period : Recovery Day 1-14	Unit : g	Species : Rat
	Sex : Male	/Day			
Dose		7	14		
2,6-Naphthalic Acid	n	5	5		
0 mg/kg	Mean	33.50	32.08		
	S.D.	2.07	2.72		
2,6-Naphthalic Acid	n	5	5		
1000 mg/kg	Mean	33.48	31.20		
	S.D.	2.65	3.11		

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 9 - 7

Study No. : SR14252

Test article	Food consumption Sex : Female (satellite)			Period : Recovery Day 1-14	Unit : g	Species : Rat
	/Day	7	14			
Dose						
2,6-Naphthalic Acid	n	5	5			
0 mg/kg	Mean	21.30	21.60			
	S.D.	1.69	2.26			
2,6-Naphthalic Acid	n	5	5			
1000 mg/kg	Mean	21.16	20.46			
	S.D.	3.02	3.04			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 1

Study No. : SR14252

Urinary findings Sex : Male		Stage : Week 4								Species : Rat	
		pH									
Test article											
Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5			
2,6-Naphthalic Acid	n	0	0	0	0	0	0	5			
0 mg/kg											
2,6-Naphthalic Acid	n	0	0	0	0	0	3	2			
100 mg/kg											
2,6-Naphthalic Acid	n	0	0	0	0	0	2	3			
300 mg/kg											
2,6-Naphthalic Acid	n	0	0	0	0	0	0	5			
1000 mg/kg											
Protein											
Dose		-	±	+	2+	3+	-	+	2+	3+	
2,6-Naphthalic Acid	n	0	5	0	0	0	5	0	0	0	
0 mg/kg											
2,6-Naphthalic Acid	n	2	3	0	0	0	5	0	0	0	
100 mg/kg											
2,6-Naphthalic Acid	n	0	3	2	0	0	5	0	0	0	
300 mg/kg											
2,6-Naphthalic Acid	n	0	5	0	0	0	5	0	0	0	
1000 mg/kg											
 EF											

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 2

Study No. : SR14252

Urinary findings Sex : Male		Stage : Week 4							Species : Rat				
		Ketone body						Urobilinogen					
Test article	Dose	-	±	+	2+	3+	0.1	1	2	4	8	EU/dL	
2,6-Naphthalic Acid	n	-	5	0	0	0	0.1	5	1	0	2	0	
0 mg/kg												0	
2,6-Naphthalic Acid	n	-	5	0	0	0	0	5	0	0	0	0	
100 mg/kg												0	
2,6-Naphthalic Acid	n	-	5	0	0	0	0	5	0	0	0	0	
300 mg/kg												0	
2,6-Naphthalic Acid	n	-	5	0	0	0	0	5	0	0	0	0	
1000 mg/kg												0	
EF													
		Bilirubin						Occult blood					
Test article	Dose	-	+	2+	3+	0	-	±	+	2+	3+	0	
2,6-Naphthalic Acid	n	-	5	0	0	0	-	5	0	0	0	0	
0 mg/kg												0	
2,6-Naphthalic Acid	n	-	5	0	0	0	0	4	1	0	0	0	
100 mg/kg												0	
2,6-Naphthalic Acid	n	-	5	0	0	0	0	3	2	0	0	0	
300 mg/kg												0	
2,6-Naphthalic Acid	n	-	5	0	0	0	0	4	1	0	0	0	
1000 mg/kg												0	
EF													
Not significantly different from 2,6-Naphthalic Acid 0 mg/kg													
EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)													

Table 10 - 3

Study No. : SR14252

Urinary findings Sex : Male		Stage : Week 4				Species : Rat
		Color				
Test article	Dose	A	B	C	D	
2,6-Naphthalic Acid	n 0 mg/kg	n 5	n 0	n 0	n 0	
2,6-Naphthalic Acid	n 100 mg/kg	n 5	n 0	n 0	n 0	
2,6-Naphthalic Acid	n 300 mg/kg	n 5	n 0	n 0	n 0	
2,6-Naphthalic Acid	n 1000 mg/kg	n 5	n 0	n 0	n 0	

EF

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 4

Study No. : SR14252

Urinary findings Sex : Male		Stage : Week 4	Species : Rat
Urine volume			
Test article		mL/21hr	
Dose			
2,6-Naphthalic Acid	n	5	
0 mg/kg	Mean	15.90	
	S.D.	1.39	
2,6-Naphthalic Acid	n	5	
100 mg/kg	Mean	15.80	
	S.D.	3.27	
2,6-Naphthalic Acid	n	5	
300 mg/kg	Mean	22.80	
	S.D.	6.56	
2,6-Naphthalic Acid	n	5	
1000 mg/kg	Mean	18.30	
	S.D.	4.96	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 5

Study No. : SR14252

Test article Dose	Sex : Male	Stage : Week 4						Species : Rat
		Specific gravity						
2,6-Naphthalic Acid 0 mg/kg	n	0	1	0	2	0	3	1
2,6-Naphthalic Acid 100 mg/kg	n	0	0	0	3	2	0	
2,6-Naphthalic Acid 300 mg/kg	n	0	0	2	1	2	0	
2,6-Naphthalic Acid 1000 mg/kg	n	0	0	0	2	2	1	

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 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 6

Study No. : SR14252

Urinary findings Sex : Male		Stage : Week 4						Species : Rat					
		RBC						WBC					
Test article													
Dose		-	±	+	2+	3+		-	±	+	2+	3+	
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0	0	
0 mg/kg													
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0	0	
100 mg/kg													
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0	0	
300 mg/kg													
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0	0	
1000 mg/kg													
		EF						EF					
		Squamous						Round					
Dose		-	±	+	2+	3+		-	±	+	2+	3+	
2,6-Naphthalic Acid	n	3	2	0	0	0		5	0	0	0	0	
0 mg/kg													
2,6-Naphthalic Acid	n	4	1	0	0	0		5	0	0	0	0	
100 mg/kg													
2,6-Naphthalic Acid	n	3	2	0	0	0		5	0	0	0	0	
300 mg/kg													
2,6-Naphthalic Acid	n	4	1	0	0	0		5	0	0	0	0	
1000 mg/kg													

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 7

Study No. : SR14252

Test article Sex : Male	Urinary findings Stage : Week 4						Species : Rat					
	Small round						Cast					
Dose	-	±	+	2+	3+	-	±	+	2+	3+		
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0
2,6-Naphthalic Acid 100 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0
2,6-Naphthalic Acid 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0
		EF					EF					
Not significantly different from 2,6-Naphthalic Acid 0 mg/kg												
EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)												

Table 10 - 8

Study No. : SR14252

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			
2,6-Naphthalic Acid	n	0	0	0	0	1	1	3			
0 mg/kg											
2,6-Naphthalic Acid	n	0	0	0	1	0	3	1			
1000 mg/kg											
Protein											
Dose		-	±	+	2+	3+		-	+	2+	3+
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0
0 mg/kg											
2,6-Naphthalic Acid	n	3	2	0	0	0		5	0	0	0
1000 mg/kg											
EF											
Ketone body											
Dose		-	±	+	2+	3+		0.1	1	2	4
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0
0 mg/kg											
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0
1000 mg/kg											
EF											
Not significantly different from 2,6-Naphthalic Acid 0 mg/kg											
EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)											

Table 10 - 9

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Week 4										Species : Rat								
		Bilirubin					Occult blood													
Test article	Dose	-	+	2+	3+	0	-	5	±	0	+	2+	3+	0						
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0	0							
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0	0							
<hr/>																				
Color																				
Test article	Dose	A	B	C	D	0	<hr/>													
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	<hr/>													
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	<hr/>													
<hr/>																				
EF																				

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 10

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Week 4	Species : Rat
Urine volume			
Test article		mL/21hr	
Dose			
2,6-Naphthalic Acid	n	5	
0 mg/kg	Mean	9.90	
	S.D.	1.56	
2,6-Naphthalic Acid	n	5	
1000 mg/kg	Mean	17.10	
	S.D.	16.73	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 11

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Week 4						Species : Rat									
		Specific gravity															
Test article																	
Dose																	
2,6-Naphthalic Acid 0 mg/kg	n	0	0	0	0	0	5	0									
2,6-Naphthalic Acid 1000 mg/kg	n	0	1	0	0	0	2	2									

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 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 12

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Week 4						Species : Rat					
		RBC						WBC					
Test article													
Dose		-	±	+	2+	3+		-	±	+	2+	3+	
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0		5	0	0	0	0	
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0		5	0	0	0	0	
EF													
Squamous													
Test article													
Dose		-	±	+	2+	3+		-	±	+	2+	3+	
2,6-Naphthalic Acid 0 mg/kg	n	2	3	0	0	0		5	0	0	0	0	
2,6-Naphthalic Acid 1000 mg/kg	n	1	4	0	0	0		5	0	0	0	0	
EF													
Small round													
Test article													
Dose		-	±	+	2+	3+		-	±	+	2+	3+	
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0		5	0	0	0	0	
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0		5	0	0	0	0	
EF													

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 13

Study No. : SR14252

Urinary findings		Stage : Recovery Week 2								Species : Rat	
Sex : Male		pH									
Test article											
Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5			
2,6-Naphthalic Acid 0 mg/kg	n	0	0	0	0	0	2	3			
2,6-Naphthalic Acid 1000 mg/kg	n	0	0	0	0	0	1	4			
Protein											
Dose		-	±	+	2+	3+		-	+	2+	3+
2,6-Naphthalic Acid 0 mg/kg	n	0	1	2	2	0	5	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	0	1	2	2	0	5	0	0	0	0
EF											
Ketone body											
Dose		-	±	+	2+	3+		0.1	1	2	4
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EF											

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 14

Study No. : SR14252

Urinary findings Sex : Male		Stage : Recovery Week 2										Species : Rat	
		Bilirubin					Occult blood						
Test article	Dose	-	+	2+	3+	0	-	±	0	+	2+	3+	0
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	4	1	0	0	0	0	0
EF													
Color													
Test article	Dose	A	B	C	D	0	0	0	0	0	0	0	0
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	0	0	0	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	0	0	0	0	0	0	0
EF													

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 15

Study No. : SR14252

Urinary findings Sex : Male		Stage : Recovery Week 2	Species : Rat
Urine volume			
Test article		mL/21hr	
Dose			
2,6-Naphthalic Acid	n	5	
0 mg/kg	Mean	11.90	
	S.D.	1.08	
2,6-Naphthalic Acid	n	5	
1000 mg/kg	Mean	13.50	
	S.D.	4.82	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 16

Study No. : SR14252

Urinary findings Sex : Male		Stage : Recovery Week 2						Species : Rat	
		Specific gravity							
Test article									
Dose		0	1	2	3	4	5		
2,6-Naphthalic Acid 0 mg/kg	n	0	0	0	0	0	5		
2,6-Naphthalic Acid 1000 mg/kg	n	0	0	0	1	1	3		

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 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 17

Study No. : SR14252

Urinary findings Sex : Male		Stage : Recovery Week 2							Species : Rat				
		RBC					WBC						
Test article	Dose	-	±	+	2+	3+	-	±	+	2+	3+		
2,6-Naphthalic Acid	n	-	5	0	0	0	-	5	0	0	0		
0 mg/kg													
2,6-Naphthalic Acid	n	5	0	0	0	0	5	0	0	0	0		
1000 mg/kg													
EF							EF						
Squamous							Round						
Test article	Dose	-	±	+	2+	3+	-	±	+	2+	3+		
2,6-Naphthalic Acid	n	-	3	2	0	0	-	5	0	0	0		
0 mg/kg													
2,6-Naphthalic Acid	n	1	4	0	0	0	5	0	0	0	0		
1000 mg/kg													
EF							EF						
Small round							Cast						
Test article	Dose	-	±	+	2+	3+	-	±	+	2+	3+		
2,6-Naphthalic Acid	n	-	5	0	0	0	-	5	0	0	0		
0 mg/kg													
2,6-Naphthalic Acid	n	5	0	0	0	0	5	0	0	0	0		
1000 mg/kg													
EF							EF						

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 18

Study No. : SR14252

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			
2,6-Naphthalic Acid	n	0	0	1	0	0	1	3			
0 mg/kg											
2,6-Naphthalic Acid	n	0	0	0	0	0	0	1			
1000 mg/kg											
Protein											
Dose		-	±	+	2+	3+		-	+	2+	3+
2,6-Naphthalic Acid	n	3	1	0	1	0		5	0	0	0
0 mg/kg											
2,6-Naphthalic Acid	n	1	1	3	0	0		5	0	0	0
1000 mg/kg											
EF											
Ketone body											
Dose		-	±	+	2+	3+		0.1	1	2	4
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0
0 mg/kg											
2,6-Naphthalic Acid	n	5	0	0	0	0		5	0	0	0
1000 mg/kg											
EF											
Not significantly different from 2,6-Naphthalic Acid 0 mg/kg											
EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)											

Table 10 - 19

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2										Species : Rat		
		Bilirubin					Occult blood							
Test article	Dose	-	+	2+	3+	0	-	5	±	0	+	2+	3+	0
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0	0	
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0	0	0	
<hr/>														
EF														
<hr/>														
Color														
Test article	Dose	A	B	C	D	0	0	0	0	0	0	0	0	
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	0	0	0	0	0	0	0	
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	0	0	0	0	0	0	0	
<hr/>														
EF														

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 10 - 20

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2	Species : Rat
Urine volume			
Test article		mL/21hr	
Dose			
2,6-Naphthalic Acid	n	5	
0 mg/kg	Mean	9.40	
	S.D.	3.52	
2,6-Naphthalic Acid	n	5	
1000 mg/kg	Mean	9.80	
	S.D.	5.51	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 21

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2						Species : Rat									
		Specific gravity															
Test article																	
Dose																	
2,6-Naphthalic Acid 0 mg/kg	n	0	0	0	0	0	3	4	2								
2,6-Naphthalic Acid 1000 mg/kg	n	0	0	1	0	1	1	3									

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 2,6-Naphthalic Acid 0 mg/kg

Table 10 - 22

Study No. : SR14252

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2										Species : Rat				
		RBC					WBC									
Test article	Dose	-	±	+	2+	3+	-	±	+	2+	3+	-	±	+	2+	3+
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0
EF								EF								
Squamous																
Test article	Dose	-	±	+	2+	3+	-	±	+	2+	3+	-	±	+	2+	3+
2,6-Naphthalic Acid 0 mg/kg	n	4	1	0	0	0	0	5	0	0	0	0	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	2	3	0	0	0	0	5	0	0	0	0	0	0	0	0
EF								EF								
Small round																
Test article	Dose	-	±	+	2+	3+	-	±	+	2+	3+	-	±	+	2+	3+
2,6-Naphthalic Acid 0 mg/kg	n	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0
2,6-Naphthalic Acid 1000 mg/kg	n	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0
EF								EF								

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 11 - 1

Study No. : SR14252

	Hematological findings		Stage : Day 29						Species : Rat			
	Sex : Male		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil
Test article			10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL
Dose												
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	866.2	15.60	43.86	50.72	18.04	35.58	3.034	104.56	71.70	13.44	
	S.D.	29.6	0.51	1.82	3.25	0.96	0.38	0.483	8.37	20.07	1.37	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	867.8	15.60	43.92	50.66	17.98	35.50	3.148	116.76	66.94	10.60	
	S.D.	45.8	0.71	1.71	1.18	0.45	0.41	0.555	11.41	12.16	3.31	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	894.6	15.84	44.82	50.12	17.70	35.36	3.096	115.56	55.42	8.78	
	S.D.	29.3	0.38	1.21	1.06	0.34	0.32	0.362	7.29	5.30	0.55	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	875.8	15.48	43.10	49.22	17.68	35.94	3.126	125.18	70.54	12.90	
	S.D.	24.7	0.51	1.45	1.46	0.49	0.31	0.584	16.08	14.47	4.62	
									DT *			
			Lymphocyte	Monocyte	Eosinophil	Basophil	PT	APTT				
Test article			10 ² /µL	10 ² /µL	10 ² /µL	10 ² /µL	sec	sec				
Dose												
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5				
0 mg/kg	Mean	55.02	2.40	0.82	0.02	18.54	25.40					
	S.D.	19.10	0.80	0.24	0.04	1.84	1.66					
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5				
100 mg/kg	Mean	53.30	2.16	0.88	0.00	19.86	27.34					
	S.D.	15.01	0.71	0.30	0.00	3.57	2.77					
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5				
300 mg/kg	Mean	44.10	1.86	0.68	0.00	18.96	25.86					
	S.D.	5.58	0.30	0.25	0.00	1.07	1.02					
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5				
1000 mg/kg	Mean	54.08	2.78	0.76	0.02	19.12	25.72					
	S.D.	12.31	1.10	0.33	0.04	0.68	1.38					

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 11 - 2

Study No. : SR14252

Sex : Female	Hematological findings							Stage : Lactation Day 5			Species : Rat
	RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	
Test article											
Dose		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	690.8	13.34	38.78	56.12	19.28	34.42	8.320	124.06	69.36	23.40
	S.D.	28.0	0.80	2.40	1.60	0.43	0.42	1.189	15.63	7.31	3.62
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	714.8	13.74	40.16	56.20	19.22	34.22	8.832	117.66	77.52	22.60
	S.D.	35.3	0.81	2.59	2.89	0.69	0.56	2.232	25.89	30.07	9.41
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	699.2	13.50	39.42	56.44	19.30	34.24	8.006	131.10	71.78	25.20
	S.D.	38.8	0.68	1.79	2.36	0.82	0.36	1.641	18.03	18.89	5.02
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	726.6	13.66	39.78	54.86	18.82	34.34	5.738	113.24	71.80	22.14
	S.D.	45.7	0.54	1.44	2.15	0.66	0.15	0.579	16.13	17.48	3.17
								DT *			
		Lymphocyte	Monocyte	Eosinophil	Basophil	PT	APTT				
Test article		10 ² /µL	10 ² /µL	10 ² /µL	10 ² /µL	sec	sec				
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
0 mg/kg	Mean	43.04	2.10	0.82	0.00	17.06	20.06				
	S.D.	6.53	0.62	0.33	0.00	0.32	1.95				
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
100 mg/kg	Mean	51.74	2.38	0.80	0.00	16.68	20.66				
	S.D.	20.86	1.44	0.85	0.00	0.64	0.93				
					EF						
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
300 mg/kg	Mean	43.88	2.14	0.56	0.00	17.12	20.22				
	S.D.	17.28	0.74	0.21	0.00	0.51	0.96				
					EF						
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
1000 mg/kg	Mean	46.84	2.02	0.80	0.00	16.58	20.84				
	S.D.	17.43	0.40	0.14	0.00	0.52	1.33				
					EF						

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 11 - 3

Study No. : SR14252

Hematological findings Sex : Female (satellite)		Stage : Day 29							Species : Rat		
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil
Test article		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	871.6	15.68	44.04	50.56	17.98	35.58	2.832	104.38	43.68	6.72
	S.D.	48.5	0.79	1.72	1.06	0.26	0.58	0.736	10.92	17.43	1.13
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	786.4	14.86	41.44	52.70	18.88	35.86	2.866	118.34	38.24	5.70
	S.D.	34.7	0.67	2.09	1.56	0.38	0.47	0.581	13.92	11.45	2.91
	T2 *				T2 *		T2 **				
		Lymphocyte	Monocyte	Eosinophil	Basophil	PT	APTT				
Test article		10 ² /µL	10 ² /µL	10 ² /µL	10 ² /µL	sec	sec				
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
0 mg/kg	Mean	34.96	1.18	0.80	0.02	15.70	19.26				
	S.D.	17.73	0.66	0.31	0.04	0.34	1.16				
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
1000 mg/kg	Mean	31.22	0.86	0.46	0.00	15.00	19.88				
	S.D.	9.39	0.52	0.13	0.00	0.80	1.43				

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05, ** P<0.01
T2 : Student t-test (two-side)

Table 11 - 4

Study No. : SR14252

	Hematological findings		Stage : Recovery Day 15						Species : Rat			
	Sex : Male		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil
Test article Dose			10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL
2,6-Naphthalic Acid 0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	Mean	871.2	15.44	43.72	50.28	17.74	35.32	3.248	113.38	68.98	14.02	
	S.D.	48.8	0.48	0.94	2.87	0.74	0.70	0.289	17.07	10.67	4.16	
2,6-Naphthalic Acid 1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	Mean	862.6	15.28	43.28	50.20	17.72	35.30	2.696	101.50	54.56	11.92	
	S.D.	41.5	0.70	1.57	1.37	0.26	0.61	0.550	14.06	9.14	2.77	
			Lymphocyte	Monocyte	Eosinophil	Basophil	PT	APTT				
Test article Dose			10 ² /µL	10 ² /µL	10 ² /µL	10 ² /µL	sec	sec				
2,6-Naphthalic Acid 0 mg/kg	n	5	5	5	5	5	5	5				
	Mean	51.92	1.92	1.12	0.00	17.46	25.06					
	S.D.	10.54	0.38	0.44	0.00	1.59	3.01					
2,6-Naphthalic Acid 1000 mg/kg	n	5	5	5	5	5	5	5				
	Mean	40.16	1.76	0.72	0.00	19.66	26.32					
	S.D.	7.53	0.47	0.15	0.00	1.74	2.67					
					EF							

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 11 - 5

Study No. : SR14252

Hematological findings Sex : Female (satellite)		Stage : Recovery Day 15							Species : Rat		
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil
Test article		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	856.8	15.62	43.80	51.16	18.26	35.68	2.684	131.48	58.62	9.30
	S.D.	21.4	0.58	1.91	2.96	0.87	0.59	0.295	18.58	20.04	4.32
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	843.6	15.50	43.22	51.20	18.38	35.86	2.804	140.68	51.54	5.36
	S.D.	38.9	0.89	2.70	1.47	0.49	0.34	0.534	17.12	18.91	1.60
<hr/>											
		Lymphocyte	Monocyte	Eosinophil	Basophil	PT	APTT				
Test article		10 ² /µL	10 ² /µL	10 ² /µL	10 ² /µL	sec	sec				
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
0 mg/kg	Mean	46.60	1.68	1.04	0.00	15.84	20.76				
	S.D.	16.75	0.46	0.19	0.00	0.36	1.27				
2,6-Naphthalic Acid	n	5	5	5	5	5	5				
1000 mg/kg	Mean	43.80	1.60	0.78	0.00	15.60	19.42				
	S.D.	17.17	0.46	0.39	0.00	0.74	1.01				
					EF						

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 12 - 1

Study No. : SR14252

Sex : Male	Biochemical findings									Species : Rat			
	Stage : Day 29												
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP			
Test article													
Dose	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL			
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5			
0 mg/kg	Mean	63.8	26.4	338.4	0.22	0.064	6.50	150.0	52.6	37.4	5.20		
	S.D.	6.0	3.8	30.4	0.15	0.015	2.82	15.8	7.1	17.7	0.14		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
100 mg/kg	Mean	79.8	37.6	417.2	0.20	0.064	7.08	152.4	50.4	38.8	5.18		
	S.D.	23.8	23.8	68.7	0.19	0.015	5.61	19.0	8.8	20.4	0.33		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
300 mg/kg	Mean	65.6	28.2	398.6	0.14	0.072	8.54	149.2	54.0	37.2	5.22		
	S.D.	7.8	3.8	47.2	0.09	0.011	3.53	21.6	5.4	8.6	0.16		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
1000 mg/kg	Mean	73.8	31.8	431.0	0.24	0.064	4.30	156.2	47.8	45.0	5.24		
	S.D.	8.5	3.3	47.6	0.11	0.013	1.19	10.5	6.6	33.7	0.22		
		DT *											
	UN	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin			
Test article		mg/dL	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL	g/dL	%			
Dose													
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
0 mg/kg	Mean	13.80	0.290	145.6	4.220	106.2	9.66	7.70	1.038	2.646	50.90		
	S.D.	2.15	0.025	0.9	0.064	0.8	0.24	0.49	0.027	0.065	0.67		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
100 mg/kg	Mean	13.30	0.298	145.8	4.358	105.6	9.48	7.74	1.054	2.654	51.26		
	S.D.	1.94	0.030	0.8	0.274	1.7	0.13	0.61	0.102	0.192	2.31		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
300 mg/kg	Mean	13.14	0.286	145.4	4.390	106.2	9.52	7.42	1.030	2.644	50.66		
	S.D.	1.70	0.011	0.9	0.233	1.8	0.36	0.51	0.084	0.101	2.09		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5		
1000 mg/kg	Mean	13.76	0.278	145.4	4.550	105.6	9.60	7.50	1.074	2.706	51.72		
	S.D.	0.98	0.041	0.9	0.211	1.7	0.34	0.33	0.100	0.095	2.23		

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 12 - 2

Study No. : SR14252

Sex : Male	Biochemical findings				Stage : Day 29	Species : Rat
	α1-G	α2-G	β-G	γ-G		
Test article		%	%	%	%	
Dose						
2,6-Naphthalic Acid	n	5	5	5	5	
0 mg/kg	Mean	22.02	6.04	16.30	4.74	
	S.D.	2.49	0.15	1.78	1.23	
2,6-Naphthalic Acid	n	5	5	5	5	
100 mg/kg	Mean	21.38	6.62	16.56	4.18	
	S.D.	4.03	0.85	1.47	0.43	
2,6-Naphthalic Acid	n	5	5	5	5	
300 mg/kg	Mean	22.18	6.22	16.62	4.32	
	S.D.	2.19	0.59	0.19	0.77	
2,6-Naphthalic Acid	n	5	5	5	5	
1000 mg/kg	Mean	21.60	6.28	16.46	3.94	
	S.D.	2.86	0.78	1.18	0.69	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 12 - 3

Study No. : SR14252

Sex : Female		Stage : Lactation Day 5							Species : Rat		
		AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP
Test article		IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	84.2	45.2	197.8	0.66	0.060	13.66	135.0	58.0	31.8	5.48
	S.D.	8.5	10.6	61.3	0.11	0.012	5.86	7.5	5.8	6.6	0.23
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	98.4	45.0	209.2	0.60	0.056	9.46	128.4	59.6	35.6	5.64
	S.D.	28.8	7.6	54.2	0.12	0.011	3.32	8.5	7.6	13.2	0.26
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	105.4	46.2	215.8	0.72	0.060	14.46	125.6	62.2	44.8	5.50
	S.D.	42.9	10.5	26.2	0.08	0.014	16.55	6.9	14.6	33.8	0.40
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	92.0	41.2	147.2	0.60	0.056	12.06	126.6	66.6	34.0	5.64
	S.D.	40.4	6.1	19.2	0.12	0.011	7.11	5.4	13.2	10.4	0.38
<hr/>											
		UN	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin
Test article		mg/dL	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	18.78	0.324	142.6	4.360	103.2	10.62	9.42	0.970	2.694	49.12
	S.D.	2.39	0.031	0.9	0.199	1.8	0.25	0.73	0.086	0.188	2.27
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	19.24	0.342	143.6	4.342	104.2	10.52	9.16	0.994	2.810	49.78
	S.D.	2.56	0.031	0.5	0.479	1.1	0.29	0.67	0.102	0.204	2.56
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	17.44	0.310	143.4	4.142	104.0	10.38	8.88	1.036	2.796	50.74
	S.D.	1.29	0.026	1.7	0.301	2.0	0.29	0.16	0.117	0.337	2.67
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	16.02	0.296	143.8	4.252	105.2	10.24	8.12	1.076	2.926	51.78
	S.D.	2.71	0.017	1.3	0.295	0.8	0.19	0.53	0.078	0.288	1.85
								DT **			

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: ** P<0.01

DT : Dunnett test (two-side)

Table 12 - 4

Study No. : SR14252

	Biochemical findings				Species : Rat
	Stage : Lactation Day 5				
Sex : Female	α 1-G	α 2-G	β -G	γ -G	
Test article		%	%	%	%
Dose					
2,6-Naphthalic Acid	n	5	5	5	5
0 mg/kg	Mean	21.20	8.34	17.50	3.84
	S.D.	1.90	0.62	0.94	0.55
2,6-Naphthalic Acid	n	5	5	5	5
100 mg/kg	Mean	20.78	7.76	17.36	4.32
	S.D.	1.37	0.36	0.42	1.22
2,6-Naphthalic Acid	n	5	5	5	5
300 mg/kg	Mean	20.34	7.52	16.88	4.52
	S.D.	1.47	0.80	1.13	0.69
2,6-Naphthalic Acid	n	5	5	5	5
1000 mg/kg	Mean	19.80	7.18	16.50	4.74
	S.D.	1.21	0.57	0.35	0.71
		DT *			

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 12 - 5

Study No. : SR14252

Biochemical findings Sex : Female (satellite)		Stage : Day 29							Species : Rat		
		AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP
Test article		IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	67.8	27.4	165.0	0.80	0.076	8.00	136.6	55.4	11.6	5.80
	S.D.	9.4	5.2	51.7	0.23	0.015	3.42	8.4	7.1	5.3	0.20
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	64.2	28.6	189.2	0.62	0.078	8.38	139.8	63.4	15.0	5.84
	S.D.	8.6	10.6	39.2	0.18	0.019	3.57	7.8	11.8	6.3	0.27
		UN	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin
Test article		mg/dL	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	18.72	0.334	144.4	4.338	106.2	9.96	7.72	1.236	3.196	55.10
	S.D.	1.93	0.049	1.1	0.231	1.5	0.11	0.34	0.143	0.191	2.80
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	16.66	0.328	145.2	4.062	106.0	9.82	7.30	1.144	3.114	53.32
	S.D.	2.59	0.054	1.9	0.226	2.1	0.29	0.54	0.109	0.197	2.21
		α1-G	α2-G	β-G	γ-G						
Test article		%	%	%	%						
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	17.54	6.12	15.70	5.54	5	5	5	5	5	5
	S.D.	1.55	0.41	0.90	1.05	5	5	5	5	5	5
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	19.00	6.10	15.52	6.06	5	5	5	5	5	5
	S.D.	0.64	0.50	0.99	1.52	5	5	5	5	5	5

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 12 - 6

Study No. : SR14252

Biochemical findings Sex : Male		Stage : Recovery Day 15							Species : Rat	
		AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose		
Test article		IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	g/dL
Dose										
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	60.2	25.2	310.0	0.52	0.060	4.48	145.0	50.4	35.8
	S.D.	4.1	3.3	45.3	0.16	0.010	1.95	14.9	7.6	5.14
										0.21
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	71.2	30.0	305.2	0.46	0.064	4.36	140.4	44.8	35.0
	S.D.	13.5	5.7	27.8	0.11	0.017	1.21	11.3	8.8	5.04
										0.23
		UN	Crea	Na	K	Cl	Ca	IP	A/G	Albumin
Test article		mg/dL	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL
Dose										%
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	14.26	0.274	146.0	4.404	105.6	9.66	8.12	0.994	2.558
	S.D.	1.13	0.011	1.0	0.137	0.9	0.24	0.28	0.074	49.80
										0.118
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	14.76	0.274	146.6	4.208	107.0	9.46	7.46	1.012	2.532
	S.D.	1.24	0.018	0.9	0.125	1.7	0.13	0.61	0.113	50.18
										0.199
										2.85
		α1-G	α2-G	β-G	γ-G					
Test article		%	%	%	%					
Dose										
2,6-Naphthalic Acid	n	5	5	5	5					
0 mg/kg	Mean	21.36	7.10	17.30	4.44					
	S.D.	2.60	0.53	0.97	0.94					
2,6-Naphthalic Acid	n	5	5	5	5					
1000 mg/kg	Mean	20.88	7.10	17.58	4.26					
	S.D.	3.52	1.16	1.13	0.52					

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

T2 : Student t-test (two-side)

Table 12 - 7

Study No. : SR14252

Biochemical findings Sex : Female (satellite)		Stage : Recovery Day 15							Species : Rat		
		AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP
Test article		IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	93.6	32.4	167.2	0.94	0.084	13.46	122.4	62.4	17.6	5.90
	S.D.	67.6	18.2	23.2	0.38	0.023	14.43	9.2	6.6	5.3	0.43
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	66.8	31.4	200.8	0.66	0.088	10.34	132.8	82.2	25.2	6.08
	S.D.	11.9	10.7	65.6	0.22	0.008	5.42	10.4	7.4	10.2	0.18
									T2 **		
		UN	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin
Test article		mg/dL	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%
Dose											
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	17.18	0.354	143.6	4.276	104.6	9.96	7.26	1.216	3.240	54.90
	S.D.	1.90	0.036	0.9	0.144	0.9	0.25	0.21	0.076	0.246	1.55
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	16.44	0.330	143.6	4.220	103.4	10.28	7.34	1.322	3.456	56.82
	S.D.	1.89	0.012	0.9	0.213	1.1	0.15	0.27	0.134	0.225	2.42
									T2 *		
		α1-G	α2-G	β-G	γ-G						
Test article		%	%	%	%						
Dose											
2,6-Naphthalic Acid	n	5	5	5	5						
0 mg/kg	Mean	17.74	6.00	15.64	5.72						
	S.D.	0.88	0.25	0.84	1.19						
2,6-Naphthalic Acid	n	5	5	5	5						
1000 mg/kg	Mean	16.44	5.78	15.28	5.68						
	S.D.	2.34	0.50	0.84	0.83						

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05, ** P<0.01

T2 : Student t-test (two-side)

Table 13 - 1

Study No. : SR14252

Necropsy findings Sex : Male		Stage : Day 29				Species : Rat
Organ Findings	Test article Dose	2,6-Naphthalic Acid 0 mg/kg 7	2,6-Naphthalic Acid 100 mg/kg 12	2,6-Naphthalic Acid 300 mg/kg 12	2,6-Naphthalic Acid 1000 mg/kg 7	
Testis Small size, unilateral	P	<7/7> 0	<11/12> 1	<12/12> 0	<7/7> 0	
Epididymis Small size, unilateral	P	<7/7> 0	<11/12> 1	<12/12> 0	<7/7> 0	
Other organs & tissues		<7/7>	<12/12>	<12/12>	<7/7>	

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 13 - 2

Study No. : SR14252

Necropsy findings		Species : Rat			
Sex : Female		Stage : Lactation Day 5			
Organ	Test article	2,6-Naphthalic Acid	2,6-Naphthalic Acid	2,6-Naphthalic Acid	2,6-Naphthalic Acid
Findings	Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All organs & tissues	Number of Animals	11	12	11	11
<11/11>					
Stage : Unsuccessful mating					
Organ	Test article	2,6-Naphthalic Acid	2,6-Naphthalic Acid		
Findings	Dose	0 mg/kg	300 mg/kg		
All organs & tissues	Number of Animals	1	1		
<1/1>					
Stage : Non-pregnancy					
Organ	Test article	2,6-Naphthalic Acid			
Findings	Dose	1000 mg/kg			
All organs & tissues	Number of Animals	1			
<1/1>					

<> : Not remarkable/Number of animals examined

Table 13 - 3

Study No. : SR14252

Necropsy findings				Species : Rat
Sex : Female (satellite)		Stage : Day 29		
	Test article	2,6-Naphthalic Acid	2,6-Naphthalic Acid	
	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 13 - 4

Study No. : SR14252

Necropsy findings				Species : Rat
Sex : Male		Stage : Recovery Day 15		
Organ Findings	Test article	2,6-Naphthalic Acid	2,6-Naphthalic Acid	
	Dose	0 mg/kg	1000 mg/kg	
All organs & tissues	Number of Animals	5	5	<5/5>
<> : Not remarkable/Number of animals examined				

Table 13 - 5

Study No. : SR14252

Necropsy findings				Species : Rat
Sex : Female (satellite)		Stage : Recovery Day 15		
Organ Findings	Test article	2,6-Naphthalic Acid	2,6-Naphthalic Acid	
	Dose	0 mg/kg	1000 mg/kg	
All organs & tissues	Number of Animals	5	5	<5/5>
<> : Not remarkable/Number of animals examined		<5/5>		

Table 14 - 1

Study No. : SR14252

Test article Dose	n	Organ weight		Stage : Day 29						Species : Rat	
		Sex : Male		Liver		Kidney		Heart		Spleen	
		Body weight g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
2,6-Naphthalic Acid	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	526.4	14.227	2.686	3.456	0.657	1.634	0.310	886.1	168.784	
	S.D.	53.6	2.902	0.299	0.338	0.037	0.145	0.019	130.0	23.949	
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	505.9	13.308	2.628	3.607	0.716	1.527	0.301	852.2	168.583	
	S.D.	26.5	1.275	0.172	0.298	0.073	0.127	0.024	78.7	14.749	
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	511.7	13.511	2.638	3.528	0.691	1.635	0.320	832.4	163.126	
	S.D.	38.9	1.481	0.154	0.282	0.053	0.176	0.033	59.1	11.924	
2,6-Naphthalic Acid	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	509.0	13.864	2.711	3.549	0.699	1.553	0.304	786.9	155.014	
	S.D.	39.4	2.124	0.219	0.346	0.056	0.153	0.022	82.9	15.810	
<hr/>											
		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
Test article Dose		AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB g	RE g/100g
2,6-Naphthalic Acid	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	339.6	64.927	70.0	13.380	12.96	2.473	23.10	4.420	3.507	0.671
	S.D.	33.1	8.055	13.7	2.770	2.58	0.475	2.74	0.666	0.279	0.081
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	349.8	69.229	79.3	15.705	13.00	2.568	20.53	4.053	3.368	0.668
	S.D.	92.3	18.295	16.4	3.347	1.31	0.218	4.24	0.763	0.465	0.103
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	316.4	62.018	68.9	13.534	11.83	2.319	22.69	4.429	3.539	0.695
	S.D.	60.9	11.981	9.7	2.038	1.58	0.317	5.45	0.983	0.319	0.079
2,6-Naphthalic Acid	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	376.7	74.160	67.1	13.176	12.54	2.474	20.83	4.094	3.396	0.670
	S.D.	62.2	12.199	12.2	2.010	1.22	0.293	2.00	0.308	0.347	0.079

AB : Absolute weight, RE : Relative weight by body weight
 Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 14 - 2

Study No. : SR14252

Test article Dose	Organ weight Sex : Male		Stage : Day 29						Species : Rat	
	Epididymis		Prostate		Seminal vesicle		Brain			
	AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g	RE g/100g		
2,6-Naphthalic Acid	n	7	7	7	7	7	7	7		
0 mg/kg	Mean	1.209	0.231	700.3	133.441	1.933	0.370	2.250	0.429	
	S.D.	0.069	0.028	97.8	16.814	0.281	0.076	0.083	0.036	
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12		
100 mg/kg	Mean	1.278	0.254	828.5	164.048	1.984	0.393	2.253	0.446	
	S.D.	0.111	0.026	119.0	24.257	0.243	0.054	0.095	0.027	
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12		
300 mg/kg	Mean	1.348	0.265	774.8	153.048	2.145	0.423	2.256	0.443	
	S.D.	0.088	0.027	183.6	39.613	0.353	0.090	0.089	0.038	
2,6-Naphthalic Acid	n	7	7	7	7	7	7	7		
1000 mg/kg	Mean	1.221	0.240	727.9	143.676	2.244	0.444	2.239	0.440	
	S.D.	0.133	0.031	105.7	23.200	0.228	0.066	0.104	0.032	

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

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 14 - 3

Study No. : SR14252

Organ weight Sex : Female		Stage : Lactation Day 5								Species : Rat	
		Body weight		Liver		Kidney		Heart			
Test article	Dose	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g		
2,6-Naphthalic Acid	n	11	11	11	11	11	11	11	11		
0 mg/kg	Mean	330.8	10.824	3.288	2.245	0.684	1.069	0.325	736.0	223.125	
	S.D.	31.7	1.008	0.309	0.165	0.071	0.069	0.028	107.6	29.293	
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12	12		
100 mg/kg	Mean	326.4	10.961	3.361	2.441	0.749	1.109	0.339	801.8	247.563	
	S.D.	25.0	1.046	0.253	0.180	0.053	0.097	0.026	171.5	60.160	
DT *				DT *							
2,6-Naphthalic Acid	n	11	11	11	11	11	11	11	11		
300 mg/kg	Mean	320.1	10.829	3.384	2.219	0.695	1.068	0.335	764.3	239.110	
	S.D.	23.6	1.016	0.214	0.156	0.060	0.102	0.012	141.4	45.604	
2,6-Naphthalic Acid	n	10	10	10	10	10	10	10	10		
1000 mg/kg	Mean	317.4	10.630	3.347	2.241	0.709	1.094	0.344	711.9	225.099	
	S.D.	25.4	1.048	0.119	0.205	0.060	0.087	0.017	62.7	21.140	
<hr/>											
		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
Test article	Dose	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
2,6-Naphthalic Acid	n	11	11	11	11	11	11	11	11	11	11
0 mg/kg	Mean	291.7	87.988	81.3	24.728	17.90	5.454	15.79	4.805	120.5	36.606
	S.D.	81.1	21.648	9.9	3.572	1.69	0.729	2.84	0.917	13.4	4.344
2,6-Naphthalic Acid	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	250.3	76.897	82.2	25.370	17.90	5.522	16.18	4.988	117.8	36.124
	S.D.	59.5	18.578	11.6	4.500	3.19	1.083	3.99	1.267	19.8	5.845
2,6-Naphthalic Acid	n	11	11	11	11	11	11	11	11	11	11
300 mg/kg	Mean	255.2	79.866	86.4	27.012	17.79	5.561	16.68	5.245	116.5	36.338
	S.D.	46.8	14.070	11.4	3.223	2.51	0.690	2.75	0.992	17.9	4.153
2,6-Naphthalic Acid	n	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	274.7	86.687	80.8	25.592	18.01	5.671	16.14	5.117	114.9	36.184
	S.D.	62.1	18.134	16.3	5.494	2.90	0.742	2.29	0.854	20.5	5.612

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

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 14 - 4

Study No. : SR14252

Organ weight Sex : Female		Stage : Lactation Day 5				Species : Rat
Test article	Dose	Uterus		Brain		
		AB mg	RE mg/100g	AB g	RE g/100g	
2,6-Naphthalic Acid	n	11	11	11	11	
	Mean	698.4	212.121	2.067	0.630	
	S.D.	52.4	17.660	0.083	0.068	
2,6-Naphthalic Acid	n	12	12	12	12	
	Mean	758.6	233.109	2.073	0.639	
	S.D.	98.3	29.472	0.077	0.057	
2,6-Naphthalic Acid	n	11	11	11	11	
	Mean	691.4	216.510	2.079	0.652	
	S.D.	90.7	29.416	0.069	0.037	
2,6-Naphthalic Acid	n	10	10	10	10	
	Mean	720.8	228.269	2.060	0.651	
	S.D.	83.9	31.281	0.073	0.049	

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 14 - 5

Study No. : SR14252

Organ weight Sex : Female (satellite)		Stage : Day 29								Species : Rat	
		Liver		Kidney		Heart		Spleen			
Test article	Body weight	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose	g	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	272.0	6.980	2.570	1.928	0.708	0.886	0.326	472.4	174.348	
	S.D.	16.5	0.360	0.106	0.157	0.068	0.064	0.015	17.0	14.966	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	263.8	7.234	2.736	1.850	0.704	0.860	0.326	546.0	206.344	
	S.D.	18.3	0.745	0.118	0.058	0.053	0.069	0.018	114.7	36.171	
		T2 *									
Thymus											
Test article	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	mg
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	375.8	138.198	74.4	27.428	14.32	5.316	16.16	5.912	111.6	40.916
	S.D.	76.6	26.946	2.7	1.847	2.75	1.210	3.47	1.094	20.6	6.056
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	359.6	135.214	75.2	28.584	14.70	5.570	14.30	5.408	108.0	40.938
	S.D.	126.5	42.478	5.5	2.360	2.09	0.664	2.95	0.989	15.2	4.834
Uterus											
Test article	AB	RE	AB	RE							
Dose	mg	mg/100g	g	g/100g							
2,6-Naphthalic Acid	n	5	5	5	5						
0 mg/kg	Mean	495.4	183.652	2.080	0.766						
	S.D.	59.9	31.840	0.068	0.038						
2,6-Naphthalic Acid	n	5	5	5	5						
1000 mg/kg	Mean	828.4	316.976	2.036	0.776						
	S.D.	156.2	73.568	0.102	0.074						
		T2 **									

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

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: * P<0.05, ** P<0.01

T2 : Student t-test (two-side)

Table 14 - 6

Study No. : SR14252

		Stage : Recovery Day 15								Species : Rat	
Organ weight Sex : Male		Body weight		Liver		Kidney		Heart		Spleen	
Test article	Dose	g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	
0 mg/kg	Mean	551.4	14.052	2.548	3.674	0.664	1.620	0.294	876.2	159.442	
	S.D.	23.7	1.139	0.129	0.113	0.015	0.123	0.023	66.0	17.488	
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	
1000 mg/kg	Mean	550.2	14.278	2.596	3.628	0.662	1.754	0.320	870.6	158.502	
	S.D.	13.1	0.805	0.143	0.130	0.022	0.078	0.016	62.0	14.812	
<hr/>											
		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
Test article	Dose	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB g	RE g/100g
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	312.2	56.550	71.2	12.978	13.90	2.530	23.00	4.152	3.382	0.614
	S.D.	52.3	8.365	8.7	2.056	1.00	0.268	5.83	0.899	0.137	0.042
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	311.4	56.518	72.8	13.236	13.80	2.506	23.62	4.298	3.474	0.632
	S.D.	44.2	7.107	7.7	1.418	0.93	0.130	3.44	0.655	0.481	0.098
<hr/>											
		Epididymis		Prostate		Seminal vesicle		Brain			
Test article	Dose	AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g	RE g/100g		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5		
0 mg/kg	Mean	1.334	0.244	836.8	151.434	2.410	0.438	2.236	0.404		
	S.D.	0.101	0.022	241.8	41.025	0.337	0.062	0.101	0.013		
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5		
1000 mg/kg	Mean	1.360	0.246	810.6	147.206	2.624	0.476	2.318	0.422		
	S.D.	0.168	0.032	226.4	40.439	0.299	0.057	0.058	0.013		

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 14 - 7

Study No. : SR14252

Organ weight Sex : Female (satellite)				Stage : Recovery Day 15								Species : Rat					
Test article Dose	n	Body weight		Liver		Kidney		Heart		Spleen							
		g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	AB mg	RE mg/100g					
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5					
0 mg/kg	Mean	289.6	7.486	2.582	2.032	0.702	0.988	0.342	612.6	210.948							
	S.D.	13.6	0.532	0.080	0.181	0.065	0.061	0.018	87.4	23.086							
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5					
1000 mg/kg	Mean	277.6	7.370	2.656	2.028	0.732	0.934	0.336	590.4	212.082							
	S.D.	23.5	0.525	0.060	0.142	0.030	0.089	0.026	75.4	10.947							
<hr/>																	
Thymus				Adrenal		Pituitary gland		Thyroid		Ovary							
Test article Dose	n	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g				
		5	5			5	5	5	5	5	5	5	5				
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5	5				
0 mg/kg	Mean	311.6	107.380	75.2	25.968	18.08	6.242	14.48	4.984	103.2	35.516						
	S.D.	57.8	17.838	11.0	3.634	1.48	0.410	2.80	0.773	22.2	6.686						
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5	5				
1000 mg/kg	Mean	298.2	106.202	82.8	30.028	15.24	5.470	15.24	5.496	89.8	32.394						
	S.D.	85.3	22.813	13.8	5.544	2.60	0.634	3.71	1.241	16.1	5.679						
<hr/>																	
Uterus				Brain													
Test article Dose	n	AB mg	RE mg/100g	AB g	RE g/100g												
		5	5			5	5	5	5	5	5	5	5	5	5	5	5
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	587.4	202.724	2.094	0.724												
	S.D.	97.0	32.096	0.084	0.035												
2,6-Naphthalic Acid	n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	647.0	231.142	2.072	0.750												
	S.D.	189.3	54.016	0.040	0.073												

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 15 - 1

Study No. : SR14252

Histopathological findings										Species : Rat
Sex : Male		Stage : Day 29								
Organ Findings	Number of Animals Grade	Test article		2,6-Naphthalic Acid		2,6-Naphthalic Acid		2,6-Naphthalic Acid		Species : Rat
		Dose		0 mg/kg		100 mg/kg		1000 mg/kg		
				7		1		7		
Lung		-	1+	2+	3+	4+	<7>	<0>	<7>	
Aggregation, macrophage, alveolar		5	2	0	0	0	0	0	0	
							ED			
Trachea		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Submandibular gland		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Esophagus		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Stomach		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Duodenum		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Jejunum		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Ileum		7	<7>		<0>		<7>			
					0		7			
					ED		EF			
Cecum		7	<7>		<0>		<7>			
					0		7			
					ED		EF			

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

ED : The number of samples of a treated group is less than 2.

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 2

Study No. : SR14252

		Histopathological findings													
		Sex : Male				Stage : Day 29				Species : Rat					
Organ Findings	Number of Animals Grade	Test article		2,6-Naphthalic Acid		2,6-Naphthalic Acid		2,6-Naphthalic Acid							
		Dose		0 mg/kg		100 mg/kg		1000 mg/kg							
				7		1		7							
Colon				-	1+	2+	3+	4+	-	1+	2+	3+	4+		
						<7>				<0>		<7>			
				7					0		7				
									ED		EF				
Rectum						<7>				<0>		<7>			
				7					0		7				
									ED		EF				
Pancreas						<7>				<0>		<7>			
				7					0		7				
									ED		EF				
Liver						<7>				<0>		<7>			
				7					0		7				
									ED		EF				
Heart						<7>				<0>		<7>			
				7					0		7				
									ED		EF				
Kidney						<7>				<0>		<7>			
Basophilic change, renal tubule				6	1	0	0	0	0	0	5	2	0		
									ED		0	0	0		
Cast, hyaline				6	1	0	0	0	0	0	7	0	0		
									ED		0	0	0		
Cyst				6	1	0	0	0	0	0	7	0	0		
									ED		0	0	0		
Urinary bladder						<7>				<0>		<7>			
				7					0		7				
									ED		EF				

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

ED : The number of samples of a treated group is less than 2.

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 3

Study No. : SR14252

Sex : Male		Histopathological findings										Species : Rat				
		Test article		Stage : Day 29												
Organ Findings	Number of Animals Grade	2,6-Naphthalic Acid					2,6-Naphthalic Acid					2,6-Naphthalic Acid				
		Dose	mg/kg	0	100	1000	mg/kg	0	100	1000	1000	mg/kg	0	100	1000	
Testis				7	1	7		7	1	7	1	7	1	7	1	
Atrophy, seminiferous tubule				7	0	0	0	0	0	0	0	0	0	0	0	
					<7>				<1>			<7>				
Epididymis				7	0	0	0	0	0	0	0	0	0	0	0	
Decrease, spermatozoa				7	0	0	0	0	0	0	0	0	0	0	0	
					<7>				<1>			<7>				
Prostate				4	3	0	0	0	0	0	0	0	0	0	0	
Inflammation, interstitium				4	3	0	0	0	0	0	0	0	0	0	0	
					<7>				<0>			<7>				
Seminal vesicle				7					0			7				
				7					ED			EF				
Coagulating gland				7					0			7				
				7					ED			EF				
Cerebrum				7					0			7				
				7					ED			EF				
Cerebellum				7					0			7				
				7					ED			EF				
Pons				7					0			7				
				7					ED			EF				
Spinal cord				7					0			7				
				7					ED			EF				

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

ED : The number of samples of a treated group is less than 2.

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 4

Study No. : SR14252

		Histopathological findings														
		Sex : Male					Stage : Day 29					Species : Rat				
Organ Findings	Test article	2,6-Naphthalic Acid		2,6-Naphthalic Acid		2,6-Naphthalic Acid										
		Dose	0 mg/kg	100 mg/kg	1000 mg/kg											
		Number of Animals	7	1	7											
Grade		-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Sciatic nerve		7		<7>			0			7						
							ED			EF						
Spleen		7		<7>				<0>			<7>					
							0			7						
							ED			EF						
Thymus		7		<7>				<0>			<7>					
							0			7						
							ED			EF						
Bone marrow, femur		7		<7>				<0>			<7>					
							0			7						
							ED			EF						
Submandibular lymph node		7		<7>				<0>			<7>					
							0			7						
							ED			EF						
Mesenteric lymph node		7		<7>				<0>			<7>					
							0			7						
							ED			EF						
Peyer's patch		7		<7>				<0>			<7>					
							0			7						
							ED			EF						
Pituitary gland Cyst, pars distalis		6	1	0	0	0	0	0	0	0	0	6	1	0	0	0
							ED									

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

ED : The number of samples of a treated group is less than 2.

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 5

Study No. : SR14252

		Histopathological findings											
		Sex : Male					Stage : Day 29					Species : Rat	
Organ Findings	Test article	2,6-Naphthalic Acid		2,6-Naphthalic Acid		2,6-Naphthalic Acid							
		Dose	mg/kg	0	100	1000	mg/kg						
		Number of Animals	Grade	7	1	7	7	-	1+	2+	3+	4+	
Thyroid				<7>	<0>	<7>							
Ultimobranchial body		6		1	0	0	0	0	0	0	0	0	ED
Parathyroid		7		<7>	0	7							EF
					ED								
Adrenal		7		<7>	0	7							EF
					ED								
Eyeball		7		<7>	0	7							EF
					ED								
Harderian gland		7		<7>	0	7							EF
					ED								
Skeletal muscle		7		<7>	0	7							EF
					ED								
Femur		7		<7>	0	7							EF
					ED								

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

ED : The number of samples of a treated group is less than 2.

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 6

Study No. : SR14252

Histopathological findings		Stage : Lactation Day 5						Species : Rat
Organ Findings	Sex : Female	Test article	2,6-Naphthalic Acid		2,6-Naphthalic Acid		Species : Rat	
	Dose		0 mg/kg	1000 mg/kg	11	11		
	Number of Animals	Grade	-	1+	2+	3+	4+	
Lung			11	<11>		<11>		
				11		11	EF	
Trachea			11	<11>		<11>		
				11		11	EF	
Submandibular gland			11	<11>		<11>		
				11		11	EF	
Esophagus			11	<11>		<11>		
				11		11	EF	
Stomach			11	<11>		<11>		
				11		11	EF	
Duodenum			11	<11>		<11>		
				11		11	EF	
Jejunum			11	<11>		<11>		
				11		11	EF	
Ileum			11	<11>		<11>		
				11		11	EF	
Cecum			11	<11>		<11>		
				11		11	EF	

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 7

Study No. : SR14252

Histopathological findings		Stage : Lactation Day 5						Species : Rat			
Organ Findings	Sex : Female	Test article	2,6-Naphthalic Acid		2,6-Naphthalic Acid						
	Dose		0 mg/kg	1000 mg/kg							
	Number of Animals		11	11							
Grade	-	-	1+	2+	3+	4+	<11>	<11>			
Colon			11				11	EF			
Rectum			11	<11>			11	EF			
Pancreas			11	<11>			11	EF			
Liver			9	<11>	0	0	11	<11>			
Microgranuloma			2	0	0	0	0	0	0		
Heart			11	<11>			11	EF			
Kidney			10	<11>	0	0	11	<11>			
Cyst			1	0	0	0	0	0	0		
Urinary bladder			11	<11>			11	EF			
Ovary			11	<11>			11	EF			
Uterine horn			11	<11>			11	EF			

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 8

Study No. : SR14252

Histopathological findings		Stage : Lactation Day 5						Species : Rat
Organ Findings	Sex : Female	Test article	2,6-Naphthalic Acid		2,6-Naphthalic Acid		Species : Rat	
	Dose		0 mg/kg	1000 mg/kg	1000 mg/kg	1000 mg/kg		
	Number of Animals		11	11	11	11		
Grade			- 1+ 2+ 3+ 4+		- 1+ 2+ 3+ 4+			
Uterine cervix			11	<11>	11	<11>		
					11	EF		
Vagina			11	<11>	<11>			
					11	EF		
Cerebrum			11	<11>	<11>			
					11	EF		
Cerebellum			11	<11>	<11>			
					11	EF		
Pons			11	<11>	<11>			
					11	EF		
Spinal cord			11	<11>	<11>			
					11	EF		
Sciatic nerve			11	<11>	<11>			
					11	EF		
Spleen			11	<11>	<11>			
					11	EF		
Thymus			11	<11>	<11>			
					11	EF		

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 9

Study No. : SR14252

Histopathological findings		Stage : Lactation Day 5						Species : Rat			
Organ Findings	Sex : Female	Test article	2,6-Naphthalic Acid		2,6-Naphthalic Acid						
	Dose		0 mg/kg	1000 mg/kg							
	Number of Animals		11	11							
Grade			-	1+	2+	3+	4+				
Bone marrow, femur				<11>				<11>			
			11					11	EF		
Submandibular lymph node				<11>				<11>			
			11					11	EF		
Mesenteric lymph node				<11>				<11>			
			11					11	EF		
Peyer's patch				<11>				<11>			
			11					11	EF		
Pituitary gland Cyst, pars intermedia				<11>				<11>			
			10	1	0	0	0	11	0		
Thyroid Ultimobranchial body				<11>				<11>			
			8	3	0	0	0	9	0		
Parathyroid				<11>				<11>			
			11					11	EF		
Adrenal				<11>				<11>			
			11					11	EF		
Eyeball				<11>				<11>			
			11					11	EF		

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 10

Study No. : SR14252

Histopathological findings		Stage : Lactation Day 5								Species : Rat		
Sex : Female		Test article	2,6-Naphthalic Acid				2,6-Naphthalic Acid				Species : Rat	
Organ	Findings		Dose	0	1000	mg/kg	mg/kg	-	1+	2+	3+	
	Number of Animals		11			11	-	1+	2+	3+	4+	
Grade												
Harderian gland				11	<11>		11					
							EF					
Skeletal muscle				11	<11>		<11>					
							EF					
Femur				11	<11>		<11>					
							EF					
Mammary gland				11	<11>		<11>					
							EF					

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 11

Study No. : SR14252

Histopathological findings		Test article 2,6-Naphthalic Acid	Stage : Unsuccessful mating					Species : Rat			
Sex : Female	Organ Findings		Dose 0 mg/kg	Number of Animals	Grade	-	1+	2+	3+	4+	
Lung	Aggregation, macrophage, alveolar					1	<1>				
						0	1	0	0	0	
Trachea						1	<1>				
						1					
Submandibular gland						1	<1>				
						1					
Esophagus						1	<1>				
						1					
Stomach						1	<1>				
						1					
Duodenum						1	<1>				
						1					
Jejunum						1	<1>				
						1					
Ileum						1	<1>				
						1					
Cecum						1	<1>				
						1					
Colon						1	<1>				
						1					
Rectum						1	<1>				
						1					
Pancreas						1	<1>				
						1					
Liver						1	<1>				
						1					
Heart						1	<1>				
						1					

<> : Number of animals examined

- : Not remarkable

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

Table 15 - 12

Study No. : SR14252

Histopathological findings		Stage : Unsuccessful mating	Species : Rat
Sex : Female	Test article		
	Dose	2,6-Naphthalic Acid 0 mg/kg	
Organ	Number of Animals	1	
Findings	Grade	- 1+ 2+ 3+ 4+	
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	
Bone marrow, femur		<1>	
		1	

<> : Number of animals examined

- : Not remarkable

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

Table 15 - 13

Study No. : SR14252

Histopathological findings		Test article 2,6-Naphthalic Acid 0 mg/kg	Stage : Unsuccessful mating	Species : Rat
Sex : Female	Number of Animals			
Organ Findings	Grade	-	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 15 - 14

Study No. : SR14252

Histopathological findings		Stage : Non-pregnancy	Species : Rat
Sex : Female	Test article		
	Dose	2,6-Naphthalic Acid 1000 mg/kg	
Organ Findings	Number of Animals Grade	1	
Lung	-	<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		
Heart		<1>	
	1		

<> : Number of animals examined

- : Not remarkable

Table 15 - 15

Study No. : SR14252

Organ Findings	Histopathological findings		Stage : Non-pregnancy	Species : Rat
	Sex : Female	Test article		
Kidney	Dose	2,6-Naphthalic Acid 1000 mg/kg		
	Number of Animals	1		
	Grade	-		
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		
Bone marrow, femur		<1>		
		1		

<> : Number of animals examined

- : Not remarkable

Table 15 - 16

Study No. : SR14252

Histopathological findings		Stage : Non-pregnancy	Species : Rat
Sex : Female	Test article		
	Dose	2,6-Naphthalic Acid 1000 mg/kg	
Organ	Number of Animals		
Findings	Grade	1	
Submandibular lymph node	-	<1>	
	1		
Mesenteric lymph node		<1>	
	1		
Peyer's patch		<1>	
	1		
Pituitary gland		<1>	
	1		
Thyroid		<1>	
	1		
Parathyroid		<1>	
	1		
Adrenal		<1>	
	1		
Eyeball		<1>	
	1		
Harderian gland		<1>	
	1		
Skeletal muscle		<1>	
	1		
Femur		<1>	
	1		
Mammary gland		<1>	
	1		

<> : Number of animals examined

- : Not remarkable

Table 15 - 17

Study No. : SR14252

Histopathological findings										Species : Rat		
Sex : Female (satellite)		Test article	Stage : Day 29							Species : Rat		
Organ Findings	Number of Animals		2,6-Naphthalic Acid		2,6-Naphthalic Acid							
	Dose	0 mg/kg		1000 mg/kg								
			5		5							
			-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<5>					<5>			
Aggregation, macrophage, alveolar			5	0	0	0	0	4	1	0	0	
Trachea				<5>					<5>			
			5						5			
									EF			
Submandibular gland				<5>					<5>			
			5						5			
									EF			
Esophagus				<5>					<5>			
			5						5			
									EF			
Stomach				<5>					<5>			
			5						5			
									EF			
Duodenum				<5>					<5>			
			5						5			
									EF			
Jejunum				<5>					<5>			
			5						5			
									EF			
Ileum				<5>					<5>			
			5						5			
									EF			
Cecum				<5>					<5>			
			5						5			
									EF			

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 18

Study No. : SR14252

Organ Findings	Sex : Female (satellite) Number of Animals Grade	Histopathological findings								Species : Rat		
		Test article	Stage : Day 29									
			2,6-Naphthalic Acid	0 mg/kg	5	5	2,6-Naphthalic Acid	1000 mg/kg	5			
	Dose				-	1+	2+	3+	4+			
										<5>		
Colon					5					5		
										EF		
Rectum					5					<5>		
										5		
										EF		
Pancreas					5					<5>		
										5		
										EF		
Liver					3	2	0	0	0	<5>		
Microgranuloma												
Heart					5					<5>		
										5		
										EF		
Kidney					4	1	0	0	0	<5>		
Mineralization, cortico-medullary junction												
Urinary bladder					5					<5>		
										5		
										EF		
Ovary					5					<5>		
										5		
										EF		
Uterine horn					5					<5>		
										5		
										EF		

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 19

Study No. : SR14252

Histopathological findings		Stage : Day 29								Species : Rat	
Organ Findings	Sex : Female (satellite)	Test article	2,6-Naphthalic Acid				2,6-Naphthalic Acid				Species : Rat
	Dose		0 mg/kg	5	5	5	1000 mg/kg	5	5	5	
	Number of Animals	Grade	-	1+	2+	3+	4+	-	1+	2+	3+
Uterine cervix				5	<5>				5	EF	
Vagina				5	<5>				5	EF	
Cerebrum				5	<5>				5	EF	
Cerebellum				5	<5>				5	EF	
Pons				5	<5>				5	EF	
Spinal cord				5	<5>				5	EF	
Sciatic nerve				5	<5>				5	EF	
Spleen				5	<5>				5	EF	
Thymus				5	<5>				5	EF	

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 20

Study No. : SR14252

Histopathological findings										Species : Rat	
Sex : Female (satellite)		Test article	Stage : Day 29							Species : Rat	
Organ Findings	Number of Animals Grade		2,6-Naphthalic Acid				2,6-Naphthalic Acid				
	Dose	0 mg/kg	5	5	5	1000 mg/kg	5	5			
Bone marrow, femur				<5>			<5>				
				5			5				
							EF				
Submandibular lymph node				<5>			<5>				
				5			5				
							EF				
Mesenteric lymph node				<5>			<5>				
				5			5				
							EF				
Peyer's patch				<5>			<5>				
				5			5				
							EF				
Pituitary gland				<5>			<5>				
				5			5				
							EF				
Thyroid Ultimobranchial body				<5>	4	1	0	0	0	<5>	
					4	1	0	0	0		
Parathyroid				<5>			<5>				
				5			5				
							EF				
Adrenal Mineralization, cortex				<5>	5	0	0	0	0	<5>	
					4	1	0	0	0		
Eyeball				<5>			<5>				
				5			5				
							EF				

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 15 - 21

Study No. : SR14252

Histopathological findings		Stage : Day 29								Species : Rat		
Organ Findings	Sex : Female (satellite)	Test article	2,6-Naphthalic Acid				2,6-Naphthalic Acid				Species : Rat	
	Dose		0 mg/kg	5	5	5	1000 mg/kg	5	5	5		
	Number of Animals	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Harderian gland					<5>				<5>			
			5					5				EF
Skeletal muscle					<5>				<5>			
			5					5				EF
Femur					<5>				<5>			
			5					5				EF
Mammary gland					<5>				<5>			
			5					5				EF

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 16

Study No. : SR14252

Estrous cycles Generation : F0				Species : Rat
Test article Dose	/Before mating			
	n	Mean length of estrous cycle (Days)	Number of estrus	Number of animals with acyclic or irregular cycle
2,6-Naphthalic Acid 0 mg/kg	Mean	4.15	3.6	12 (0)
	S.D.	0.31	0.5	
	Mean	4.04	3.5	12 (0)
	S.D.	0.14	0.5	
2,6-Naphthalic Acid 100 mg/kg	Mean	4.17	3.3	EF
	S.D.	0.44	0.5	
	Mean	4.04	3.8	EF
	S.D.	0.14	0.5	
2,6-Naphthalic Acid 300 mg/kg	Mean	4.17	3.3	12 (0)
	S.D.	0.44	0.5	
	Mean	4.04	3.8	EF
	S.D.	0.14	0.5	
2,6-Naphthalic Acid 1000 mg/kg	Mean	4.17	3.3	12 (0)
	S.D.	0.44	0.5	
	Mean	4.04	3.8	EF
	S.D.	0.14	0.5	

() : Values in brackets represent number of animals with acyclic or irregular cycle.

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 17 - 1

Study No. : SR14252

Test article Dose	Number of pairs	Day of conceiving	Reproductive performance		Species : Rat	
			Generation : F0	Sex : Male	1st mating	2nd mating
					Copulation index (%)	Fertility index (%)
2,6-Naphthalic Acid 0 mg/kg	n	12	11	(11/12)	(11/11)	
	Mean		2.8	91.7	100.0	
	S.D.		1.1			
2,6-Naphthalic Acid 100 mg/kg	n	12	12	(12/12)	(12/12)	
	Mean		2.3	100.0	100.0	
	S.D.		0.9			
2,6-Naphthalic Acid 300 mg/kg	n	12	11	(11/12)	(11/11)	
	Mean		2.3	91.7	100.0	
	S.D.		1.3			
2,6-Naphthalic Acid 1000 mg/kg	n	12	12	(12/12)	(11/12)	
	Mean		2.8	100.0	91.7	
	S.D.		1.1			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 17 - 2

Study No. : SR14252

Test article Dose	Number of pairs	Day of conceiving	Reproductive performance		Species : Rat	
			Generation : F0	Sex : Female	1st mating	2nd mating
					Copulation index (%)	Fertility index (%)
2,6-Naphthalic Acid 0 mg/kg	n	12	11	(11/12)	(11/11)	
	Mean		2.8	91.7	100.0	
	S.D.		1.1			
2,6-Naphthalic Acid 100 mg/kg	n	12	12	(12/12)	(12/12)	
	Mean		2.3	100.0	100.0	
	S.D.		0.9			
2,6-Naphthalic Acid 300 mg/kg	n	12	11	(11/12)	(11/11)	
	Mean		2.3	91.7	100.0	
	S.D.		1.3			
2,6-Naphthalic Acid 1000 mg/kg	n	12	12	(12/12)	(11/12)	
	Mean		2.8	100.0	91.7	
	S.D.		1.1			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 18 - 1

Study No. : SR14252

Test article Dose	Delivery data Generation : F0					Species : Rat					
	Gestation period (day)	Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Sex rate (offspring) (%)	Number of dead newborns		Gestation index (%)
					M	F	Total		Dead	Cannibalism	
2,6-Naphthalic Acid 0 mg/kg	n	11	11	11	11	11	11	81/174	11	11	11/11
	Mean	22.18	16.6	95.24	15.8	7.4	8.5	46.6	0.0	0.0	100.0
	S.D.	0.40	2.0	4.61	1.8	2.0	1.9		0.0	0.0	0.00
2,6-Naphthalic Acid 100 mg/kg	n	12	12	12	12	12	12	87/172	12	12	12/12
	Mean	22.25	16.1	89.30	14.5	7.3	7.1	50.6	0.2	0.0	0.2
	S.D.	0.62	1.3	12.32	2.1	2.2	2.0		0.4	0.0	0.4
2,6-Naphthalic Acid 300 mg/kg	n	11	11	11	11	11	11	99/165	11	11	11/11
	Mean	22.27	15.7	95.55	15.0	9.0	6.0	60.0	0.0	0.0	100.0
	S.D.	0.47	1.4	4.67	1.2	2.8	2.6		0.0	0.0	0.00
2,6-Naphthalic Acid 1000 mg/kg	n	11	11	11	11	11	11	74/141	11	11	11/11
	Mean	22.36	14.0	89.93	13.0	6.7	6.1	52.5	0.2	0.0	0.2
	S.D.	0.67	5.1	9.96	5.0	2.6	3.0		0.4	0.0	0.4
FT \$											EF
EF											EF

M : Male, F : Female

Significantly different from 2,6-Naphthalic Acid 0 mg/kg: \$ P<0.05

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

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 18 - 2

Study No. : SR14252

Test article Dose	Delivery data Generation : F0			Species : Rat
		Number of corpora lutea	Implantation index (%)	
2,6-Naphthalic Acid 0 mg/kg	n Mean S.D.	11 17.0 2.4	11 98.12 2.62	11/11 100.0
2,6-Naphthalic Acid 100 mg/kg	n Mean S.D.	12 16.3 1.5	12 99.13 3.03	12/12 100.0
2,6-Naphthalic Acid 300 mg/kg	n Mean S.D.	11 15.7 1.4	11 100.00 0.00	11/11 100.0
2,6-Naphthalic Acid 1000 mg/kg	n Mean S.D.	11 15.1 4.0	11 89.84 17.90	10/11 90.9

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 18 - 3

Study No. : SR14252

	Delivery data External examination of offspring Generation : F0	2,6-Naphthalic Acid	2,6-Naphthalic Acid	2,6-Naphthalic Acid	2,6-Naphthalic Acid	Days after birth : 0 Species : Rat
Test article						
Dose		0	100	300	1000	
Dose unit		mg/kg	mg/kg	mg/kg	mg/kg	
Number of dams		11	12	11	11	
Number of offspring		174	172	165	141	
Number of dams with anomalous offspring (incidence %)		0(0.00)	0(0.00) EF	0(0.00) EF	0(0.00) EF	
Number of offspring with any anomaly (incidence %)		0(0.00)	0(0.00) EF	0(0.00) EF	0(0.00) EF	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

EF : The averages of all groups are same and all data is 0 in frequency. (all data of all groups is identical.)

Table 19

Study No. : SR14252

Clinical sign of offspring Generation : F0		Days after birth	Species : Rat					
Test article	Dose		Time	0	1	2	3	4
	Clinical signs			1	1	1	1	1
2,6-Naphthalic Acid	Number of dams examined			11	11	11	11	11
0 mg/kg	Number of offspring			174	174	174	174	172
	Number of dams with anomalous offspring			0	0	0	0	0
2,6-Naphthalic Acid	Number of dams examined			12	12	12	12	12
100 mg/kg	Number of offspring			172	172	172	172	169
	Number of dams with anomalous offspring			0	0	0	0	0
2,6-Naphthalic Acid	Number of dams examined			11	11	11	11	11
300 mg/kg	Number of offspring			165	165	165	165	165
	Number of dams with anomalous offspring			0	0	0	0	0
2,6-Naphthalic Acid	Number of dams examined			11	11	10	10	10
1000 mg/kg	Number of offspring			141	139	139	139	136
	Number of dams with anomalous offspring			0	0	0	0	0

1: Daily examination

Table 20

Study No. : SR14252

Litter size and viability index of offspring

Generation : F0

Species : Rat

Test article Dose		/Days after birth					Species : Rat
		0 All pups	0 Live pups	0 Viability index (%)	4 Live pups	4 Viability index (%)	
2,6-Naphthalic Acid 0 mg/kg	Total	174	174		172		
	n	11	11	11	11	11	
	Mean			100.00		98.90	
	S.D.			0.00		2.45	
2,6-Naphthalic Acid 100 mg/kg	Total	174	172		169		
	n	12	12	12	12	12	
	Mean			98.79		97.73	
	S.D.			2.86		7.88	
2,6-Naphthalic Acid 300 mg/kg	Total	165	165		165		
	n	11	11	11	11	11	
	Mean			100.00		100.00	
	S.D.			0.00		0.00	
2,6-Naphthalic Acid 1000 mg/kg	Total	143	141		136		
	n	11	11	11	11	11	
	Mean			98.87		89.15	
	S.D.			2.51		29.72	

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 21

Study No. : SR14252

		Body weight of offspring		Unit : g	Species : Rat		
		Generation : F0					
Test article	Dose	/Days after birth					
		0	4				
2,6-Naphthalic Acid 0 mg/kg	Male	n	11	11			
		Mean	6.648	10.801			
		S.D.	0.651	1.006			
	Female	n	11	11			
		Mean	6.255	10.129			
		S.D.	0.500	0.721			
2,6-Naphthalic Acid 100 mg/kg	Male	n	12	12			
		Mean	6.659	11.323			
		S.D.	0.515	1.128			
	Female	n	12	12			
		Mean	6.209	10.623			
		S.D.	0.474	1.320			
2,6-Naphthalic Acid 300 mg/kg	Male	n	11	11			
		Mean	6.776	10.965			
		S.D.	0.579	1.395			
	Female	n	11	11			
		Mean	6.485	10.516			
		S.D.	0.610	1.228			
2,6-Naphthalic Acid 1000 mg/kg	Male	n	10	10			
		Mean	6.831	11.455			
		S.D.	0.847	1.834			
	Female	n	11	10			
		Mean	6.505	11.195			
		S.D.	0.719	1.779			

Not significantly different from 2,6-Naphthalic Acid 0 mg/kg

Table 22

Study No. : SR14252

Test article Dose Dose unit	Necropsy findings of offspring Generation : F0				Species : Rat
	2,6-Naphthalic Acid 0 mg/kg	2,6-Naphthalic Acid 100 mg/kg	2,6-Naphthalic Acid 300 mg/kg	2,6-Naphthalic Acid 1000 mg/kg	
Number of dams	11	12	11	11	
Number of live offspring examined on Day 4 of birth	172	169	165	136	
Finding absent	172	169	165	135	
Kidney: Dilatation, renal pelvis, bilateral	0	0	0	1	
Number of dead offspring examined on Day 0-4 of birth	1	2	0	3	
Finding absent	1	2	0	3	

Animal No.	Clinical signs	Period : Administration Day 1-29														Species : Rat									
		Day			1	2	3	4	5	6	7	8	9	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	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	19	20	21	22	23	24	25	26	27	28	29	
		Time	1	2	1	2	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	28	29	1	2	1	2	1	2	1	2	1	2
		Time	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

Administration)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Male		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat
Animal No.	Clinical signs	Day	28	29	
		Time	1	2	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	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Male		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 100 mg/kg													Species : Rat																	
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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.		Day		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
Animal No.	Clinical signs	Time		1	2	1	2	1	2	1	2	1	2	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.		Day		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Animal No.	Clinical signs	Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Administration)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Male		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 100 mg/kg			Species : Rat
Animal No.	Clinical signs	Day	28	29	
		Time	1	2	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	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Animal No.	Clinical signs	Period : Administration Day 1-29													Species : Rat			
		Day			1	2	3	4	5	6	7	8	9	1	2	1	2	
		Time	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													Day			
		10			11	12	13	14	15	16	17	18	19	20	21	22	23	24
		Time	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													Day			
		19			20	21	22	23	24	25	26	27	1	2	1	2	1	2
		Time	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Administration)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Male		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat
Animal No.	Clinical signs	Day	28	29	
		Time	1	2	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	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Animal No.	Clinical signs	Period : Administration Day 1-29													Species : Rat							
		Day		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		
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	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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Male		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Animal No.	Clinical signs	Day	28	29	
		Time	1	2	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	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 0 mg/kg													Species : Rat																
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
		Time		1	2	1	2	1	2	1	2	1	2	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	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
		Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 before mating)1 : Pre-dosing, 2 : Post-dosing, F0 mating)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 0 mg/kg												Species : Rat								
Animal No.	Clinical signs	Day	28	29	30	31	32	33	34	35	36	Time	1	2	1	2	1	2	1	2	1	2
50151	No abnormality																					
50152	No abnormality		-	-	-	-	-	-	-	-	-											
50153	No abnormality																					
50154	No abnormality																					
50155	No abnormality																					
50156	No abnormality																					
50157	No abnormality																					
50158	No abnormality																					
50159	No abnormality																					
50160	No abnormality																					
50161	No abnormality																					
50162	No abnormality																					
Animal No.	Clinical signs	Day	37	38	39	40	41	42	43	44	45	Time	1	2	1	2	1	2	1	2	1	2
50151	No abnormality																					
50152	No abnormality		-	-	-	-	-	-	-	-	-											
50153	No abnormality																					
50154	No abnormality																					
50155	No abnormality																					
50156	No abnormality																					
50157	No abnormality																					
50158	No abnormality																					
50159	No abnormality																					
50160	No abnormality																					
50161	No abnormality																					
50162	No abnormality																					
Animal No.	Clinical signs	Day	46	47	48	49	50	51	52			Time	1	2	1	2	1	2	1	2	1	2
50151	No abnormality																					
50152	No abnormality		-	-	-	-	-	-	-	-	-											
50153	No abnormality																					
50154	No abnormality																					
50155	No abnormality																					
50156	No abnormality																					
50157	No abnormality																					
50158	No abnormality																					
50159	No abnormality																					
50160	No abnormality																					
50161	No abnormality																					
50162	No abnormality																					

F0 mating1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : 2,6-Naphthalic Acid 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
50151	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
50151	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 gestation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 lactation Day 0-5 Dose : 2,6-Naphthalic Acid 0 mg/kg										Species : Rat	
Animal No.	Clinical signs	Day	0	1	2	3	4	5					
		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	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-

F0 lactation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 100 mg/kg													Species : Rat																
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
		Time		1	2	1	2	1	2	1	2	1	2	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		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
		Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 before mating)1 : Pre-dosing, 2 : Post-dosing, F0 mating)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 100 mg/kg												Species : Rat								
Animal No.	Clinical signs	Day	28	29	30	31	32	33	34	35	36	Time	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	37	38	39	40	41	42	43	44	45	Time	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	46	47	48	49	50	51	52			Time	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																					

F0 mating1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : 2,6-Naphthalic Acid 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
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
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 gestation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 lactation Day 0-5 Dose : 2,6-Naphthalic Acid 100 mg/kg										Species : Rat	
Animal No.	Clinical signs	Day	0	1	2	3	4	5					
		Time	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	-	-	-	-	-	-	-	-	-	-	-	-

F0 lactation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 300 mg/kg													Species : Rat																
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
		Time		1	2	1	2	1	2	1	2	1	2	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	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
		Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 before mating)1 : Pre-dosing, 2 : Post-dosing, F0 mating)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 300 mg/kg												Species : Rat								
Animal No.	Clinical signs	Day	28	29	30	31	32	33	34	35	36	Time	1	2	1	2	1	2	1	2	1	2
50351	No abnormality																					
50352	No abnormality																					
50353	No abnormality																					
50354	No abnormality																					
50355	No abnormality																					
50356	No abnormality																					
50357	No abnormality																					
50358	No abnormality		-	-	-	-	-	-	-	-	-											
50359	No abnormality																					
50360	No abnormality																					
50361	No abnormality																					
50362	No abnormality																					
Animal No.	Clinical signs	Day	37	38	39	40	41	42	43	44	45	Time	1	2	1	2	1	2	1	2	1	2
50351	No abnormality																					
50352	No abnormality																					
50353	No abnormality																					
50354	No abnormality																					
50355	No abnormality																					
50356	No abnormality																					
50357	No abnormality																					
50358	No abnormality		-	-	-	-	-	-	-	-	-											
50359	No abnormality																					
50360	No abnormality																					
50361	No abnormality																					
50362	No abnormality																					
Animal No.	Clinical signs	Day	46	47	48	49	50	51	52													
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																					

F0 mating1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : 2,6-Naphthalic Acid 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
50351	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	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
50351	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 gestation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 lactation Day 0-5 Dose : 2,6-Naphthalic Acid 300 mg/kg										Species : Rat	
Animal No.	Clinical signs	Day	0	1	2	3	4	5					
		Time	1	2	1	2	1	2	1	2	1	2	3
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-

F0 lactation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 1000 mg/kg													Species : Rat																	
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
		Time		1	2	1	2	1	2	1	2	1	2	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	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
		Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

F0 before mating)1 : Pre-dosing, 2 : Post-dosing, F0 mating)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Female		Period : F0 before mating Day 1-14, F0 mating Day 15-52 Dose : 2,6-Naphthalic Acid 1000 mg/kg												Species : Rat								
Animal No.	Clinical signs	Day	28	29	30	31	32	33	34	35	36	Time	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	37	38	39	40	41	42	43	44	45	Time	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	46	47	48	49	50	51	52													
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																					

F0 mating1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : 2,6-Naphthalic Acid 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
50451	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$
50461	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal No.	Clinical signs	Day 9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
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 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
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

F0 gestation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

\$: Excepted data from calculation

Clinical sign Sex : Female		Period : F0 lactation Day 0-5 Dose : 2,6-Naphthalic Acid 1000 mg/kg										Species : Rat	
Animal No.	Clinical signs	Day	0	1	2	3	4	5					
		Time	1	2	1	2	1	2	1	2	1	2	3
50451	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-

F0 lactation)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female (satellite)		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 0 mg/kg													Species : Rat																	
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
		Time		1	2	1	2	1	2	1	2	1	2	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	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
		Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Female (satellite)		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat
Animal No.	Clinical signs	Day	28	29	
		Time	1	2	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	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Female (satellite)		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 1000 mg/kg													Species : Rat																	
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	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	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	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
		Time		1	2	1	2	1	2	1	2	1	2	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	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
		Time		1	2	1	2	1	2	1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing

Clinical sign Sex : Female (satellite)		Period : Administration Day 1-29 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Animal No.	Clinical signs	Day	28	29	
		Time	1	2	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	-	-	-	

Administration)1 : Pre-dosing, 2 : Post-dosing, 3 : Necropsy day

Clinical sign Sex : Male		Period : Recovery Day 1-15 Dose : 2,6-Naphthalic Acid 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	
10106	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10107	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10110	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10111	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10112	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Animal No.	Clinical signs	Day 10		11		12		13		14		15							
		Time	1	2	1	2	1	2	1	2	1	2	1	2	3				
10106	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10107	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10110	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10111	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10112	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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

Clinical sign Sex : Male		Period : Recovery Day 1-15 Dose : 2,6-Naphthalic Acid 1000 mg/kg															Species : Rat								
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	1	2	1	2	
		Time		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10404	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10406	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10411	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10412	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Animal No.		Clinical signs		Day		10	11	12	13	14	15														
Animal No.	Clinical signs	Time		1	2	1	2	1	2	1	2														
		Time		1	2	1	2	1	2	1	2														
10401	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10404	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10406	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10411	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10412	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Clinical sign Sex : Female (satellite)		Period : Recovery Day 1-15 Dose : 2,6-Naphthalic Acid 0 mg/kg															Species : Rat			
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
		Time		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1		
50556	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal No.		Day		10	11	12	13	14	15											
Clinical signs		Time		1	2	1	2	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign Sex : Female (satellite)		Period : Recovery Day 1-15 Dose : 2,6-Naphthalic Acid 1000 mg/kg															Species : Rat		
Animal No.	Clinical signs	Day		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Time		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	
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	1	2	1	2	3	
50656	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50657	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50658	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50659	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50660	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
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 Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 100 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Male	Respiratory pattern	Tremor/Convulsion	Rolling	Repetitive circling	Self biting	
Animal No.	Body position/Posture					
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			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Male	Respiratory pattern	Tremor/Convulsion	Rolling	Repetitive circling	Self biting	
Animal No.	Body position/Posture					
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 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Male	Respiratory pattern	Tremor/Convulsion	Rolling	Repetitive circling	Self biting	
Animal No.	Body position/Posture					
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			Species : Rat
Sex : Male	Respiratory pattern	Tremor/Convulsion	Rolling	Repetitive circling	Self biting	
Animal No.	Body position/Posture					
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 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Sex : Male	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
Animal No.						
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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	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 administration Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 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 Dose : 2,6-Naphthalic Acid 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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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 Dose : 2,6-Naphthalic Acid 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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
50151	1	1	1	0	0	1
50152	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	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 42			Species : Rat
	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting	
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	
50261	1	1	1	0	0	1	
50262	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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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
n	9	9	9	9	9	9

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			Species : Rat
Sex : Female	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	
Animal No.						
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
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Pre administration			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 7			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 7			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 14			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 14			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 21			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 21			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 28			Species : Rat
	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.

Animal No.	Detailed clinical observation (in the cage)			Stage : Day 28			Species : Rat
	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 Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat
Sex : Male						
Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10106	1	1	1	0	0	1
10107	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	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			Species : Rat
Sex : Male	Dose : 2,6-Naphthalic Acid 1000 mg/kg					
Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10404	1	1	1	0	0	1
10406	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.

Respiratory pattern) 1;Normal, 2;Slightly abnormal, rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.

Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic, systemic, 5;Tonic, systemic.

Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage)			Stage : Recovery Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat
Sex : Male						
Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10106	1	1	1	0	0	1
10107	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	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 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat
Sex : Male						
Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10404	1	1	1	0	0	1
10406	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.

Respiratory pattern) 1;Normal, 2;Slightly abnormal, rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.

Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic, systemic, 5;Tonic, systemic.

Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage)			Stage : Recovery Day 7			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 0 mg/kg			
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			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 1000 mg/kg			
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			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 0 mg/kg			
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			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 1000 mg/kg			
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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10101	1	1	2	1	1	1	0	1	1	1	1	1
10102	1	1	2	1	1	1	0	1	1	1	1	1
10103	1	1	2	1	1	1	0	1	1	1	1	1
10104	1	1	2	1	1	1	0	1	1	1	1	1
10105	1	1	2	1	1	1	0	1	1	1	1	1
10106	1	1	2	1	1	1	0	1	1	1	1	1
10107	1	1	2	1	1	1	0	1	1	1	1	1
10108	1	1	2	1	1	1	0	1	1	1	1	1
10109	1	1	2	1	1	1	0	1	1	1	1	1
10110	1	1	2	1	1	1	0	1	1	1	1	1
10111	1	1	2	1	1	1	0	1	1	1	1	1
10112	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10101	0
10102	0
10103	0
10104	0
10105	0
10106	0
10107	0
10108	0
10109	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10201	1	1	2	1	1	1	0	1	1	1	1	1
10202	1	1	2	1	1	1	0	1	1	1	1	1
10203	1	1	2	1	1	1	0	1	1	1	1	1
10204	1	1	2	1	1	1	0	1	1	1	1	1
10205	1	1	2	1	1	1	0	1	1	1	1	1
10206	1	1	2	1	1	1	0	1	1	1	1	1
10207	1	1	2	1	1	1	0	1	1	1	1	1
10208	1	1	2	1	1	1	0	1	1	1	1	1
10209	1	1	2	1	1	1	0	1	1	1	1	1
10210	1	1	2	1	1	1	0	1	1	1	1	1
10211	1	1	2	1	1	1	0	1	1	1	1	1
10212	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	
<hr/>												
Secretions/ Excretions												
Animal No.												
10201	0											
10202	0											
10203	0											
10204	0											
10205	0											
10206	0											
10207	0											
10208	0											
10209	0											
10210	0											
10211	0											
10212	0											
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10301	1	1	2	1	1	1	0	1	1	1	1	1
10302	1	1	2	1	1	1	0	1	1	1	1	1
10303	1	1	2	1	1	1	0	1	1	1	1	1
10304	1	1	2	1	1	1	0	1	1	1	1	1
10305	1	1	2	1	1	1	0	1	1	1	1	1
10306	1	1	2	1	1	1	0	1	1	1	1	1
10307	1	1	2	1	1	1	0	1	1	1	1	1
10308	1	1	2	1	1	1	0	1	1	1	1	1
10309	1	1	2	1	1	1	0	1	1	1	1	1
10310	1	1	2	1	1	1	0	1	1	1	1	1
10311	1	1	2	1	1	1	0	1	1	1	1	1
10312	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10301	0
10302	0
10303	0
10304	0
10305	0
10306	0
10307	0
10308	0
10309	0
10310	0
10311	0
10312	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10401	1	1	2	1	1	1	0	1	1	1	1	1
10402	1	1	2	1	1	1	0	1	1	1	1	1
10403	1	1	2	1	1	1	0	1	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1	1
10405	1	1	2	1	1	1	0	1	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1	1
10407	1	1	2	1	1	1	0	1	1	1	1	1
10408	1	1	2	1	1	1	0	1	1	1	1	1
10409	1	1	2	1	1	1	0	1	1	1	1	1
10410	1	1	2	1	1	1	0	1	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10401	0
10402	0
10403	0
10404	0
10405	0
10406	0
10407	0
10408	0
10409	0
10410	0
10411	0
10412	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10101	1	1	2	1	1	1	0	1	1	1	1	1
10102	1	1	2	1	1	1	0	1	1	1	1	1
10103	1	1	2	1	1	1	0	1	1	1	1	1
10104	1	1	2	1	1	1	0	1	1	1	1	1
10105	1	1	2	1	1	1	0	1	1	1	1	1
10106	1	1	2	1	1	1	0	1	1	1	1	1
10107	1	1	2	1	1	1	0	1	1	1	1	1
10108	1	1	2	1	1	1	0	1	1	1	1	1
10109	1	1	2	1	1	1	0	1	1	1	1	1
10110	1	1	2	1	1	1	0	1	1	1	1	1
10111	1	1	2	1	1	1	0	1	1	1	1	1
10112	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10101	0
10102	0
10103	0
10104	0
10105	0
10106	0
10107	0
10108	0
10109	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10201	1	1	2	1	1	1	0	1	1	1	1	1
10202	1	1	2	1	1	1	0	1	1	1	1	1
10203	1	1	2	1	1	1	0	1	1	1	1	1
10204	1	1	2	1	1	1	0	1	1	1	1	1
10205	1	1	2	1	1	1	0	1	1	1	1	1
10206	1	1	2	1	1	1	0	1	1	1	1	1
10207	1	1	2	1	1	1	0	1	1	1	1	1
10208	1	1	2	1	1	1	0	1	1	1	1	1
10209	1	1	2	1	1	1	0	1	1	1	1	1
10210	1	1	2	1	1	1	0	1	1	1	1	1
10211	1	1	2	1	1	1	0	1	1	1	1	1
10212	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10201	0
10202	0
10203	0
10204	0
10205	0
10206	0
10207	0
10208	0
10209	0
10210	0
10211	0
10212	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10301	1	1	2	1	1	1	0	1	1	1	1	1
10302	1	1	2	1	1	1	0	1	1	1	1	1
10303	1	1	2	1	1	1	0	1	1	1	1	1
10304	1	1	2	1	1	1	0	1	1	1	1	1
10305	1	1	2	1	1	1	0	1	1	1	1	1
10306	1	1	2	1	1	1	0	1	1	1	1	1
10307	1	1	2	1	1	1	0	1	1	1	1	1
10308	1	1	2	1	1	1	0	1	1	1	1	1
10309	1	1	2	1	1	1	0	1	1	1	1	1
10310	1	1	2	1	1	1	0	1	1	1	1	1
10311	1	1	2	1	1	1	0	1	1	1	1	1
10312	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10301	0
10302	0
10303	0
10304	0
10305	0
10306	0
10307	0
10308	0
10309	0
10310	0
10311	0
10312	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10401	1	1	2	1	1	1	0	1	1	1	1	1
10402	1	1	2	1	1	1	0	1	1	1	1	1
10403	1	1	2	1	1	1	0	1	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1	1
10405	1	1	2	1	1	1	0	1	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1	1
10407	1	1	2	1	1	1	0	1	1	1	1	1
10408	1	1	2	1	1	1	0	1	1	1	1	1
10409	1	1	2	1	1	1	0	1	1	1	1	1
10410	1	1	2	1	1	1	0	1	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10401	0
10402	0
10403	0
10404	0
10405	0
10406	0
10407	0
10408	0
10409	0
10410	0
10411	0
10412	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10101	1	1	2	1	1	1	0	1	1	1	1	1
10102	1	1	2	1	1	1	0	1	1	1	1	1
10103	1	1	2	1	1	1	0	1	1	1	1	1
10104	1	1	2	1	1	1	0	1	1	1	1	1
10105	1	1	2	1	1	1	0	1	1	1	1	1
10106	1	1	2	1	1	1	0	1	1	1	1	1
10107	1	1	2	1	1	1	0	1	1	1	1	1
10108	1	1	2	1	1	1	0	1	1	1	1	1
10109	1	1	2	1	1	1	0	1	1	1	1	1
10110	1	1	2	1	1	1	0	1	1	1	1	1
10111	1	1	2	1	1	1	0	1	1	1	1	1
10112	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10101	0
10102	0
10103	0
10104	0
10105	0
10106	0
10107	0
10108	0
10109	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10201	1	1	2	1	1	1	0	1	1	1	1	1
10202	1	1	2	1	1	1	0	1	1	1	1	1
10203	1	1	2	1	1	1	0	1	1	1	1	1
10204	1	1	2	1	1	1	0	1	1	1	1	1
10205	1	1	2	1	1	1	0	1	1	1	1	1
10206	1	1	2	1	1	1	0	1	1	1	1	1
10207	1	1	2	1	1	1	0	1	1	1	1	1
10208	1	1	2	1	1	1	0	1	1	1	1	1
10209	1	1	2	1	1	1	0	1	1	1	1	1
10210	1	1	2	1	1	1	0	1	1	1	1	1
10211	1	1	2	1	1	1	0	1	1	1	1	1
10212	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10201	0
10202	0
10203	0
10204	0
10205	0
10206	0
10207	0
10208	0
10209	0
10210	0
10211	0
10212	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10301	1	1	2	1	1	1	0	1	1	1	1	1
10302	1	1	2	1	1	1	0	1	1	1	1	1
10303	1	1	2	1	1	1	0	1	1	1	1	1
10304	1	1	2	1	1	1	0	1	1	1	1	1
10305	1	1	2	1	1	1	0	1	1	1	1	1
10306	1	1	2	1	1	1	0	1	1	1	1	1
10307	1	1	2	1	1	1	0	1	1	1	1	1
10308	1	1	2	1	1	1	0	1	1	1	1	1
10309	1	1	2	1	1	1	0	1	1	1	1	1
10310	1	1	2	1	1	1	0	1	1	1	1	1
10311	1	1	2	1	1	1	0	1	1	1	1	1
10312	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10301	0
10302	0
10303	0
10304	0
10305	0
10306	0
10307	0
10308	0
10309	0
10310	0
10311	0
10312	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10401	1	1	2	1	1	1	0	1	1	1	1	1
10402	1	1	2	1	1	1	0	1	1	1	1	1
10403	1	1	2	1	1	1	0	1	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1	1
10405	1	1	2	1	1	1	0	1	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1	1
10407	1	1	2	1	1	1	0	1	1	1	1	1
10408	1	1	2	1	1	1	0	1	1	1	1	1
10409	1	1	2	1	1	1	0	1	1	1	1	1
10410	1	1	2	1	1	1	0	1	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10401	0
10402	0
10403	0
10404	0
10405	0
10406	0
10407	0
10408	0
10409	0
10410	0
10411	0
10412	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10101	1	1	2	1	1	1	0	1	1	1	1	1
10102	1	1	2	1	1	1	0	1	1	1	1	1
10103	1	1	2	1	1	1	0	1	1	1	1	1
10104	1	1	2	1	1	1	0	1	1	1	1	1
10105	1	1	2	1	1	1	0	1	1	1	1	1
10106	1	1	2	1	1	1	0	1	1	1	1	1
10107	1	1	2	1	1	1	0	1	1	1	1	1
10108	1	1	2	1	1	1	0	1	1	1	1	1
10109	1	1	2	1	1	1	0	1	1	1	1	1
10110	1	1	2	1	1	1	0	1	1	1	1	1
10111	1	1	2	1	1	1	0	1	1	1	1	1
10112	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10101	0
10102	0
10103	0
10104	0
10105	0
10106	0
10107	0
10108	0
10109	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10201	1	1	2	1	1	1	0	1	1	1	1	1
10202	1	1	2	1	1	1	0	1	1	1	1	1
10203	1	1	2	1	1	1	0	1	1	1	1	1
10204	1	1	2	1	1	1	0	1	1	1	1	1
10205	1	1	2	1	1	1	0	1	1	1	1	1
10206	1	1	2	1	1	1	0	1	1	1	1	1
10207	1	1	2	1	1	1	0	1	1	1	1	1
10208	1	1	2	1	1	1	0	1	1	1	1	1
10209	1	1	2	1	1	1	0	1	1	1	1	1
10210	1	1	2	1	1	1	0	1	1	1	1	1
10211	1	1	2	1	1	1	0	1	1	1	1	1
10212	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10201	0
10202	0
10203	0
10204	0
10205	0
10206	0
10207	0
10208	0
10209	0
10210	0
10211	0
10212	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10301	1	1	2	1	1	1	0	1	1	1	1	1
10302	1	1	2	1	1	1	0	1	1	1	1	1
10303	1	1	2	1	1	1	0	1	1	1	1	1
10304	1	1	2	1	1	1	0	1	1	1	1	1
10305	1	1	2	1	1	1	0	1	1	1	1	1
10306	1	1	2	1	1	1	0	1	1	1	1	1
10307	1	1	2	1	1	1	0	1	1	1	1	1
10308	1	1	2	1	1	1	0	1	1	1	1	1
10309	1	1	2	1	1	1	0	1	1	1	1	1
10310	1	1	2	1	1	1	0	1	1	1	1	1
10311	1	1	2	1	1	1	0	1	1	1	1	1
10312	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10301	0
10302	0
10303	0
10304	0
10305	0
10306	0
10307	0
10308	0
10309	0
10310	0
10311	0
10312	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10401	1	1	2	1	1	1	0	1	1	1	1	1
10402	1	1	2	1	1	1	0	1	1	1	1	1
10403	1	1	2	1	1	1	0	1	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1	1
10405	1	1	2	1	1	1	0	1	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1	1
10407	1	1	2	1	1	1	0	1	1	1	1	1
10408	1	1	2	1	1	1	0	1	1	1	1	1
10409	1	1	2	1	1	1	0	1	1	1	1	1
10410	1	1	2	1	1	1	0	1	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10401	0
10402	0
10403	0
10404	0
10405	0
10406	0
10407	0
10408	0
10409	0
10410	0
10411	0
10412	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10101	1	1	2	1	1	1	0	1	1	1	1	1
10102	1	1	2	1	1	1	0	1	1	1	1	1
10103	1	1	2	1	1	1	0	1	1	1	1	1
10104	1	1	2	1	1	1	0	1	1	1	1	1
10105	1	1	2	1	1	1	0	1	1	1	1	1
10106	1	1	2	1	1	1	0	1	1	1	1	1
10107	1	1	2	1	1	1	0	1	1	1	1	1
10108	1	1	2	1	1	1	0	1	1	1	1	1
10109	1	1	2	1	1	1	0	1	1	1	1	1
10110	1	1	2	1	1	1	0	1	1	1	1	1
10111	1	1	2	1	1	1	0	1	1	1	1	1
10112	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10101	0
10102	0
10103	0
10104	0
10105	0
10106	0
10107	0
10108	0
10109	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10201	1	1	2	1	1	1	0	1	1	1	1	1
10202	1	1	2	1	1	1	0	1	1	1	1	1
10203	1	1	2	1	1	1	0	1	1	1	1	1
10204	1	1	2	1	1	1	0	1	1	1	1	1
10205	1	1	2	1	1	1	0	1	1	1	1	1
10206	1	1	2	1	1	1	0	1	1	1	1	1
10207	1	1	2	1	1	1	0	1	1	1	1	1
10208	1	1	2	1	1	1	0	1	1	1	1	1
10209	1	1	2	1	1	1	0	1	1	1	1	1
10210	1	1	2	1	1	1	0	1	1	1	1	1
10211	1	1	2	1	1	1	0	1	1	1	1	1
10212	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10201	0
10202	0
10203	0
10204	0
10205	0
10206	0
10207	0
10208	0
10209	0
10210	0
10211	0
10212	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10301	1	1	2	1	1	1	0	1	1	1	1	1
10302	1	1	2	1	1	1	0	1	1	1	1	1
10303	1	1	2	1	1	1	0	1	1	1	1	1
10304	1	1	2	1	1	1	0	1	1	1	1	1
10305	1	1	2	1	1	1	0	1	1	1	1	1
10306	1	1	2	1	1	1	0	1	1	1	1	1
10307	1	1	2	1	1	1	0	1	1	1	1	1
10308	1	1	2	1	1	1	0	1	1	1	1	1
10309	1	1	2	1	1	1	0	1	1	1	1	1
10310	1	1	2	1	1	1	0	1	1	1	1	1
10311	1	1	2	1	1	1	0	1	1	1	1	1
10312	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
10301	0
10302	0
10303	0
10304	0
10305	0
10306	0
10307	0
10308	0
10309	0
10310	0
10311	0
10312	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10401	1	1	2	1	1	1	0	1	1	1	1	1
10402	1	1	2	1	1	1	0	1	1	1	1	1
10403	1	1	2	1	1	1	0	1	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1	1
10405	1	1	2	1	1	1	0	1	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1	1
10407	1	1	2	1	1	1	0	1	1	1	1	1
10408	1	1	2	1	1	1	0	1	1	1	1	1
10409	1	1	2	1	1	1	0	1	1	1	1	1
10410	1	1	2	1	1	1	0	1	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
10401	0
10402	0
10403	0
10404	0
10405	0
10406	0
10407	0
10408	0
10409	0
10410	0
10411	0
10412	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50151	1	1	2	1	1	1	0	1	1	1	1	1
50152	1	1	2	1	1	1	0	1	1	1	1	1
50153	1	1	2	1	1	1	0	1	1	1	1	1
50154	1	1	2	1	1	1	0	1	1	1	1	1
50155	1	1	2	1	1	1	0	1	1	1	1	1
50156	1	1	2	1	1	1	0	1	1	1	1	1
50157	1	1	2	1	1	1	0	1	1	1	1	1
50158	1	1	2	1	1	1	0	1	1	1	1	1
50159	1	1	2	1	1	1	0	1	1	1	1	1
50160	1	1	2	1	1	1	0	1	1	1	1	1
50161	1	1	2	1	1	1	0	1	1	1	1	1
50162	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50151	0											
50152	0											
50153	0											
50154	0											
50155	0											
50156	0											
50157	0											
50158	0											
50159	0											
50160	0											
50161	0											
50162	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50251	1	1	2	1	1	1	0	1	1	1	1	1
50252	1	1	2	1	1	1	0	1	1	1	1	1
50253	1	1	2	1	1	1	0	1	1	1	1	1
50254	1	1	2	1	1	1	0	1	1	1	1	1
50255	1	1	2	1	1	1	0	1	1	1	1	1
50256	1	1	2	1	1	1	0	1	1	1	1	1
50257	1	1	2	1	1	1	0	1	1	1	1	1
50258	1	1	2	1	1	1	0	1	1	1	1	1
50259	1	1	2	1	1	1	0	1	1	1	1	1
50260	1	1	2	1	1	1	0	1	1	1	1	1
50261	1	1	2	1	1	1	0	1	1	1	1	1
50262	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50251	0
50252	0
50253	0
50254	0
50255	0
50256	0
50257	0
50258	0
50259	0
50260	0
50261	0
50262	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50351	1	1	2	1	1	1	0	1	1	1	1	1
50352	1	1	2	1	1	1	0	1	1	1	1	1
50353	1	1	2	1	1	1	0	1	1	1	1	1
50354	1	1	2	1	1	1	0	1	1	1	1	1
50355	1	1	2	1	1	1	0	1	1	1	1	1
50356	1	1	2	1	1	1	0	1	1	1	1	1
50357	1	1	2	1	1	1	0	1	1	1	1	1
50358	1	1	2	1	1	1	0	1	1	1	1	1
50359	1	1	2	1	1	1	0	1	1	1	1	1
50360	1	1	2	1	1	1	0	1	1	1	1	1
50361	1	1	2	1	1	1	0	1	1	1	1	1
50362	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50351	0											
50352	0											
50353	0											
50354	0											
50355	0											
50356	0											
50357	0											
50358	0											
50359	0											
50360	0											
50361	0											
50362	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50451	1	1	2	1	1	1	0	1	1	1	1	1
50452	1	1	2	1	1	1	0	1	1	1	1	1
50453	1	1	2	1	1	1	0	1	1	1	1	1
50454	1	1	2	1	1	1	0	1	1	1	1	1
50455	1	1	2	1	1	1	0	1	1	1	1	1
50456	1	1	2	1	1	1	0	1	1	1	1	1
50457	1	1	2	1	1	1	0	1	1	1	1	1
50458	1	1	2	1	1	1	0	1	1	1	1	1
50459	1	1	2	1	1	1	0	1	1	1	1	1
50460	1	1	2	1	1	1	0	1	1	1	1	1
50461	1	1	2	1	1	1	0	1	1	1	1	1
50462	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions											
50451	0											
50452	0											
50453	0											
50454	0											
50455	0											
50456	0											
50457	0											
50458	0											
50459	0											
50460	0											
50461	0											
50462	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50151	1	1	2	1	1	1	0	1	1	1	1	1
50152	1	1	2	1	1	1	0	1	1	1	1	1
50153	1	1	2	1	1	1	0	1	1	1	1	1
50154	1	1	2	1	1	1	0	1	1	1	1	1
50155	1	1	2	1	1	1	0	1	1	1	1	1
50156	1	1	2	1	1	1	0	1	1	1	1	1
50157	1	1	2	1	1	1	0	1	1	1	1	1
50158	1	1	2	1	1	1	0	1	1	1	1	1
50159	1	1	2	1	1	1	0	1	1	1	1	1
50160	1	1	2	1	1	1	0	1	1	1	1	1
50161	1	1	2	1	1	1	0	1	1	1	1	1
50162	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50151	0											
50152	0											
50153	0											
50154	0											
50155	0											
50156	0											
50157	0											
50158	0											
50159	0											
50160	0											
50161	0											
50162	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50251	1	1	2	1	1	1	0	1	1	1	1	1
50252	1	1	2	1	1	1	0	1	1	1	1	1
50253	1	1	2	1	1	1	0	1	1	1	1	1
50254	1	1	2	1	1	1	0	1	1	1	1	1
50255	1	1	2	1	1	1	0	1	1	1	1	1
50256	1	1	2	1	1	1	0	1	1	1	1	1
50257	1	1	2	1	1	1	0	1	1	1	1	1
50258	1	1	2	1	1	1	0	1	1	1	1	1
50259	1	1	2	1	1	1	0	1	1	1	1	1
50260	1	1	2	1	1	1	0	1	1	1	1	1
50261	1	1	2	1	1	1	0	1	1	1	1	1
50262	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50251	0
50252	0
50253	0
50254	0
50255	0
50256	0
50257	0
50258	0
50259	0
50260	0
50261	0
50262	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50351	1	1	2	1	1	1	0	1	1	1	1	1
50352	1	1	2	1	1	1	0	1	1	1	1	1
50353	1	1	2	1	1	1	0	1	1	1	1	1
50354	1	1	2	1	1	1	0	1	1	1	1	1
50355	1	1	2	1	1	1	0	1	1	1	1	1
50356	1	1	2	1	1	1	0	1	1	1	1	1
50357	1	1	2	1	1	1	0	1	1	1	1	1
50358	1	1	2	1	1	1	0	1	1	1	1	1
50359	1	1	2	1	1	1	0	1	1	1	1	1
50360	1	1	2	1	1	1	0	1	1	1	1	1
50361	1	1	2	1	1	1	0	1	1	1	1	1
50362	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions											
50351	0											
50352	0											
50353	0											
50354	0											
50355	0											
50356	0											
50357	0											
50358	0											
50359	0											
50360	0											
50361	0											
50362	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50451	1	1	2	1	1	1	0	1	1	1	1	1
50452	1	1	2	1	1	1	0	1	1	1	1	1
50453	1	1	2	1	1	1	0	1	1	1	1	1
50454	1	1	2	1	1	1	0	1	1	1	1	1
50455	1	1	2	1	1	1	0	1	1	1	1	1
50456	1	1	2	1	1	1	0	1	1	1	1	1
50457	1	1	2	1	1	1	0	1	1	1	1	1
50458	1	1	2	1	1	1	0	1	1	1	1	1
50459	1	1	2	1	1	1	0	1	1	1	1	1
50460	1	1	2	1	1	1	0	1	1	1	1	1
50461	1	1	2	1	1	1	0	1	1	1	1	1
50462	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50451	0											
50452	0											
50453	0											
50454	0											
50455	0											
50456	0											
50457	0											
50458	0											
50459	0											
50460	0											
50461	0											
50462	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50151	1	1	2	1	1	1	0	1	1	1	1	1
50152	1	1	2	1	1	1	0	1	1	1	1	1
50153	1	1	2	1	1	1	0	1	1	1	1	1
50154	1	1	2	1	1	1	0	1	1	1	1	1
50155	1	1	2	1	1	1	0	1	1	1	1	1
50156	1	1	2	1	1	1	0	1	1	1	1	1
50157	1	1	2	1	1	1	0	1	1	1	1	1
50158	1	1	2	1	1	1	0	1	1	1	1	1
50159	1	1	2	1	1	1	0	1	1	1	1	1
50160	1	1	2	1	1	1	0	1	1	1	1	1
50161	1	1	2	1	1	1	0	1	1	1	1	1
50162	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50151	0
50152	0
50153	0
50154	0
50155	0
50156	0
50157	0
50158	0
50159	0
50160	0
50161	0
50162	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50251	1	1	2	1	1	1	0	1	1	1	1	1
50252	1	1	2	1	1	1	0	1	1	1	1	1
50253	1	1	2	1	1	1	0	1	1	1	1	1
50254	1	1	2	1	1	1	0	1	1	1	1	1
50255	1	1	2	1	1	1	0	1	1	1	1	1
50256	1	1	2	1	1	1	0	1	1	1	1	1
50257	1	1	2	1	1	1	0	1	1	1	1	1
50258	1	1	2	1	1	1	0	1	1	1	1	1
50259	1	1	2	1	1	1	0	1	1	1	1	1
50260	1	1	2	1	1	1	0	1	1	1	1	1
50261	1	1	2	1	1	1	0	1	1	1	1	1
50262	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
50251	0
50252	0
50253	0
50254	0
50255	0
50256	0
50257	0
50258	0
50259	0
50260	0
50261	0
50262	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50351	1	1	2	1	1	1	0	1	1	1	1	1
50352	1	1	2	1	1	1	0	1	1	1	1	1
50353	1	1	2	1	1	1	0	1	1	1	1	1
50354	1	1	2	1	1	1	0	1	1	1	1	1
50355	1	1	2	1	1	1	0	1	1	1	1	1
50356	1	1	2	1	1	1	0	1	1	1	1	1
50357	1	1	2	1	1	1	0	1	1	1	1	1
50358	1	1	2	1	1	1	0	1	1	1	1	1
50359	1	1	2	1	1	1	0	1	1	1	1	1
50360	1	1	2	1	1	1	0	1	1	1	1	1
50361	1	1	2	1	1	1	0	1	1	1	1	1
50362	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50351	0											
50352	0											
50353	0											
50354	0											
50355	0											
50356	0											
50357	0											
50358	0											
50359	0											
50360	0											
50361	0											
50362	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50451	1	1	2	1	1	1	0	1	1	1	1	1
50452	1	1	2	1	1	1	0	1	1	1	1	1
50453	1	1	2	1	1	1	0	1	1	1	1	1
50454	1	1	2	1	1	1	0	1	1	1	1	1
50455	1	1	2	1	1	1	0	1	1	1	1	1
50456	1	1	2	1	1	1	0	1	1	1	1	1
50457	1	1	2	1	1	1	0	1	1	1	1	1
50458	1	1	2	1	1	1	0	1	1	1	1	1
50459	1	1	2	1	1	1	0	1	1	1	1	1
50460	1	1	2	1	1	1	0	1	1	1	1	1
50461	1	1	2	1	1	1	0	1	1	1	1	1
50462	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50451	0											
50452	0											
50453	0											
50454	0											
50455	0											
50456	0											
50457	0											
50458	0											
50459	0											
50460	0											
50461	0											
50462	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50151	1	1	2	1	1	1	0	1	1	1	1	1
50152	1	1	2	1	1	1	0	1	1	1	1	1
50153	1	1	2	1	1	1	0	1	1	1	1	1
50154	1	1	2	1	1	1	0	1	1	1	1	1
50155	1	1	2	1	1	1	0	1	1	1	1	1
50156	1	1	2	1	1	1	0	1	1	1	1	1
50157	1	1	2	1	1	1	0	1	1	1	1	1
50158	1	1	2	1	1	1	0	1	1	1	1	1
50159	1	1	2	1	1	1	0	1	1	1	1	1
50160	1	1	2	1	1	1	0	1	1	1	1	1
50161	1	1	2	1	1	1	0	1	1	1	1	1
50162	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50151	0
50152	0
50153	0
50154	0
50155	0
50156	0
50157	0
50158	0
50159	0
50160	0
50161	0
50162	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50251	1	1	2	1	1	1	0	1	1	1	1	1
50252	1	1	2	1	1	1	0	1	1	1	1	1
50253	1	1	2	1	1	1	0	1	1	1	1	1
50254	1	1	2	1	1	1	0	1	1	1	1	1
50255	1	1	2	1	1	1	0	1	1	1	1	1
50256	1	1	2	1	1	1	0	1	1	1	1	1
50257	1	1	2	1	1	1	0	1	1	1	1	1
50258	1	1	2	1	1	1	0	1	1	1	1	1
50259	1	1	2	1	1	1	0	1	1	1	1	1
50260	1	1	2	1	1	1	0	1	1	1	1	1
50261	1	1	2	1	1	1	0	1	1	1	1	1
50262	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50251	0
50252	0
50253	0
50254	0
50255	0
50256	0
50257	0
50258	0
50259	0
50260	0
50261	0
50262	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50351	1	1	2	1	1	1	0	1	1	1	1	1
50352	1	1	2	1	1	1	0	1	1	1	1	1
50353	1	1	2	1	1	1	0	1	1	1	1	1
50354	1	1	2	1	1	1	0	1	1	1	1	1
50355	1	1	2	1	1	1	0	1	1	1	1	1
50356	1	1	2	1	1	1	0	1	1	1	1	1
50357	1	1	2	1	1	1	0	1	1	1	1	1
50358	1	1	2	1	1	1	0	1	1	1	1	1
50359	1	1	2	1	1	1	0	1	1	1	1	1
50360	1	1	2	1	1	1	0	1	1	1	1	1
50361	1	1	2	1	1	1	0	1	1	1	1	1
50362	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50351	0											
50352	0											
50353	0											
50354	0											
50355	0											
50356	0											
50357	0											
50358	0											
50359	0											
50360	0											
50361	0											
50362	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50451	1	1	2	1	1	1	0	1	1	1	1	1
50452	1	1	2	1	1	1	0	1	1	1	1	1
50453	1	1	2	1	1	1	0	1	1	1	1	1
50454	1	1	2	1	1	1	0	1	1	1	1	1
50455	1	1	2	1	1	1	0	1	1	1	1	1
50456	1	1	2	1	1	1	0	1	1	1	1	1
50457	1	1	2	1	1	1	0	1	1	1	1	1
50458	1	1	2	1	1	1	0	1	1	1	1	1
50459	1	1	2	1	1	1	0	1	1	1	1	1
50460	1	1	2	1	1	1	0	1	1	1	1	1
50461	1	1	2	1	1	1	0	1	1	1	1	1
50462	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50451	0											
50452	0											
50453	0											
50454	0											
50455	0											
50456	0											
50457	0											
50458	0											
50459	0											
50460	0											
50461	0											
50462	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50151	1	1	2	1	1	1	0	1	1	1	1	1
50152	1	1	2	1	1	1	0	1	1	1	1	1
50153	1	1	2	1	1	1	0	1	1	1	1	1
50154	1	1	2	1	1	1	0	1	1	1	1	1
50155	1	1	2	1	1	1	0	1	1	1	1	1
50156	1	1	2	1	1	1	0	1	1	1	1	1
50157	1	1	2	1	1	1	0	1	1	1	1	1
50158	1	1	2	1	1	1	0	1	1	1	1	1
50159	1	1	2	1	1	1	0	1	1	1	1	1
50160	1	1	2	1	1	1	0	1	1	1	1	1
50161	1	1	2	1	1	1	0	1	1	1	1	1
50162	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50151	0											
50152	0											
50153	0											
50154	0											
50155	0											
50156	0											
50157	0											
50158	0											
50159	0											
50160	0											
50161	0											
50162	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50251	1	1	2	1	1	1	0	1	1	1	1	1
50252	1	1	2	1	1	1	0	1	1	1	1	1
50253	1	1	2	1	1	1	0	1	1	1	1	1
50254	1	1	2	1	1	1	0	1	1	1	1	1
50255	1	1	2	1	1	1	0	1	1	1	1	1
50256	1	1	2	1	1	1	0	1	1	1	1	1
50257	1	1	2	1	1	1	0	1	1	1	1	1
50258	1	1	2	1	1	1	0	1	1	1	1	1
50259	1	1	2	1	1	1	0	1	1	1	1	1
50260	1	1	2	1	1	1	0	1	1	1	1	1
50261	1	1	2	1	1	1	0	1	1	1	1	1
50262	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
50251	0
50252	0
50253	0
50254	0
50255	0
50256	0
50257	0
50258	0
50259	0
50260	0
50261	0
50262	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50351	1	1	2	1	1	1	0	1	1	1	1	1
50352	1	1	2	1	1	1	0	1	1	1	1	1
50353	1	1	2	1	1	1	0	1	1	1	1	1
50354	1	1	2	1	1	1	0	1	1	1	1	1
50355	1	1	2	1	1	1	0	1	1	1	1	1
50356	1	1	2	1	1	1	0	1	1	1	1	1
50357	1	1	2	1	1	1	0	1	1	1	1	1
50358	1	1	2	1	1	1	0	1	1	1	1	1
50359	1	1	2	1	1	1	0	1	1	1	1	1
50360	1	1	2	1	1	1	0	1	1	1	1	1
50361	1	1	2	1	1	1	0	1	1	1	1	1
50362	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50351	0
50352	0
50353	0
50354	0
50355	0
50356	0
50357	0
50358	0
50359	0
50360	0
50361	0
50362	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50451	1	1	2	1	1	1	0	1	1	1	1	1
50452	1	1	2	1	1	1	0	1	1	1	1	1
50453	1	1	2	1	1	1	0	1	1	1	1	1
50454	1	1	2	1	1	1	0	1	1	1	1	1
50455	1	1	2	1	1	1	0	1	1	1	1	1
50456	1	1	2	1	1	1	0	1	1	1	1	1
50457	1	1	2	1	1	1	0	1	1	1	1	1
50458	1	1	2	1	1	1	0	1	1	1	1	1
50459	1	1	2	1	1	1	0	1	1	1	1	1
50460	1	1	2	1	1	1	0	1	1	1	1	1
50461	1	1	2	1	1	1	0	1	1	1	1	1
50462	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
50451	0
50452	0
50453	0
50454	0
50455	0
50456	0
50457	0
50458	0
50459	0
50460	0
50461	0
50462	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 0 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50151	1	1	2	1	1	1	0	1	1	1	1	1
50152	1	1	2	1	1	1	0	1	1	1	1	1
50153	1	1	2	1	1	1	0	1	1	1	1	1
50154	1	1	2	1	1	1	0	1	1	1	1	1
50155	1	1	2	1	1	1	0	1	1	1	1	1
50156	1	1	2	1	1	1	0	1	1	1	1	1
50157	1	1	2	1	1	1	0	1	1	1	1	1
50158	1	1	2	1	1	1	0	1	1	1	1	1
50159	1	1	2	1	1	1	0	1	1	1	1	1
50160	1	1	2	1	1	1	0	1	1	1	1	1
50161	1	1	2	1	1	1	0	1	1	1	1	1
50162	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	
<hr/>												
Secretions/ Excretions												
Animal No.												
50151	0											
50152	0											
50153	0											
50154	0											
50155	0											
50156	0											
50157	0											
50158	0											
50159	0											
50160	0											
50161	0											
50162	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 100 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50251	1	1	2	1	1	1	0	1	1	1	1	1
50252	1	1	2	1	1	1	0	1	1	1	1	1
50253	1	1	2	1	1	1	0	1	1	1	1	1
50254	1	1	2	1	1	1	0	1	1	1	1	1
50255	1	1	2	1	1	1	0	1	1	1	1	1
50256	1	1	2	1	1	1	0	1	1	1	1	1
50257	1	1	2	1	1	1	0	1	1	1	1	1
50258	1	1	2	1	1	1	0	1	1	1	1	1
50259	1	1	2	1	1	1	0	1	1	1	1	1
50260	1	1	2	1	1	1	0	1	1	1	1	1
50261	1	1	2	1	1	1	0	1	1	1	1	1
50262	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	12

Animal No.	Secretions/ Excretions
50251	0
50252	0
50253	0
50254	0
50255	0
50256	0
50257	0
50258	0
50259	0
50260	0
50261	0
50262	0
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 300 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50351	1	1	2	1	1	1	0	1	1	1	1	1
50352	1	1	2	1	1	1	0	1	1	1	1	1
50353	1	1	2	1	1	1	0	1	1	1	1	1
50354	1	1	2	1	1	1	0	1	1	1	1	1
50355	1	1	2	1	1	1	0	1	1	1	1	1
50356	1	1	2	1	1	1	0	1	1	1	1	1
50357	1	1	2	1	1	1	0	1	1	1	1	1
50358	1	1	2	1	1	1	0	1	1	1	1	1
50359	1	1	2	1	1	1	0	1	1	1	1	1
50360	1	1	2	1	1	1	0	1	1	1	1	1
50361	1	1	2	1	1	1	0	1	1	1	1	1
50362	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions											
50351	0											
50352	0											
50353	0											
50354	0											
50355	0											
50356	0											
50357	0											
50358	0											
50359	0											
50360	0											
50361	0											
50362	0											
n	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.

Lacration) 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.

Sex : Female	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50451	1	1	2	1	1	1	0	1	1	1	1	1
50452	1	1	2	1	1	1	0	1	1	1	1	1
50453	1	1	2	1	1	1	0	1	1	1	1	1
50454	1	1	2	1	1	1	0	1	1	1	1	1
50455	1	1	2	1	1	1	0	1	1	1	1	1
50456	1	1	2	1	1	1	0	1	1	1	1	1
50457	1	1	2	1	1	1	0	1	1	1	1	1
50458	1	1	2	1	1	1	0	1	1	1	1	1
50459	1	1	2	1	1	1	0	1	1	1	1	1
50460	1	1	2	1	1	1	0	1	1	1	1	1
50461	1	1	2	1	1	1	0	1	1	1	1	1
50462	1	1	2	1	1	1	0	1	1	1	1	1
n	12	12	12	12	12	12	12	12	12	12	12	

Animal No.	Secretions/ Excretions
50451	0
50452	0
50453	0
50454	0
50455	0
50456	0
50457	0
50458	0
50459	0
50460	0
50461	0
50462	0
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 42			Species : Rat					
	Sex : Female	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50151		1	1	2	1	1	1	0	1	1	1	1
50152		1	1	2	1	1	1	0	1	1	1	1
50154		1	1	2	1	1	1	0	1	1	1	1
50155		1	1	2	1	1	1	0	1	1	1	1
50156		1	1	2	1	1	1	0	1	1	1	1
50157		1	1	2	1	1	1	0	1	1	1	1
50158		1	1	2	1	1	1	0	1	1	1	1
50159		1	1	2	1	1	1	0	1	1	1	1
50160		1	1	2	1	1	1	0	1	1	1	1
50161		1	1	2	1	1	1	0	1	1	1	1
50162		1	1	2	1	1	1	0	1	1	1	1
n		11	11	11	11	11	11	11	11	11	11	11
<hr/>												
Secretions/ Excretions												
Animal No.												
50151		0										
50152		0										
50154		0										
50155		0										
50156		0										
50157		0										
50158		0										
50159		0										
50160		0										
50161		0										
50162		0										
n		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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 42			Species : Rat					
	Sex : Female	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50252		1	1	2	1	1	1	0	1	1	1	1
50253		1	1	2	1	1	1	0	1	1	1	1
50254		1	1	2	1	1	1	0	1	1	1	1
50255		1	1	2	1	1	1	0	1	1	1	1
50256		1	1	2	1	1	1	0	1	1	1	1
50257		1	1	2	1	1	1	0	1	1	1	1
50258		1	1	2	1	1	1	0	1	1	1	1
50259		1	1	2	1	1	1	0	1	1	1	1
50261		1	1	2	1	1	1	0	1	1	1	1
50262		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10
<hr/>												
Secretions/ Excretions												
Animal No.												
50252	0											
50253	0											
50254	0											
50255	0											
50256	0											
50257	0											
50258	0											
50259	0											
50261	0											
50262	0											
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 42			Species : Rat					
	Sex : Female	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50352		1	1	2	1	1	1	0	1	1	1	1
50353		1	1	2	1	1	1	0	1	1	1	1
50354		1	1	2	1	1	1	0	1	1	1	1
50355		1	1	2	1	1	1	0	1	1	1	1
50356		1	1	2	1	1	1	0	1	1	1	1
50357		1	1	2	1	1	1	0	1	1	1	1
50358		1	1	2	1	1	1	0	1	1	1	1
50359		1	1	2	1	1	1	0	1	1	1	1
50360		1	1	2	1	1	1	0	1	1	1	1
n		9	9	9	9	9	9	9	9	9	9	9

Animal No.	Secretions/ Excretions
50352	0
50353	0
50354	0
50355	0
50356	0
50357	0
50358	0
50359	0
50360	0
n	9

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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 42			Species : Rat					
	Sex : Female	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50451		1	1	2	1	1	1	0	1	1	1	1
50452		1	1	2	1	1	1	0	1	1	1	1
50453		1	1	2	1	1	1	0	1	1	1	1
50454		1	1	2	1	1	1	0	1	1	1	1
50455		1	1	2	1	1	1	0	1	1	1	1
50456		1	1	2	1	1	1	0	1	1	1	1
50458		1	1	2	1	1	1	0	1	1	1	1
50459		1	1	2	1	1	1	0	1	1	1	1
50461		1	1	2	1	1	1	0	1	1	1	1
50462		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50451	0	
50452	0	
50453	0	
50454	0	
50455	0	
50456	0	
50458	0	
50459	0	
50461	0	
50462	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Pre administration			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50551		1	1	2	1	1	1	0	1	1	1	1
50552		1	1	2	1	1	1	0	1	1	1	1
50553		1	1	2	1	1	1	0	1	1	1	1
50554		1	1	2	1	1	1	0	1	1	1	1
50555		1	1	2	1	1	1	0	1	1	1	1
50556		1	1	2	1	1	1	0	1	1	1	1
50557		1	1	2	1	1	1	0	1	1	1	1
50558		1	1	2	1	1	1	0	1	1	1	1
50559		1	1	2	1	1	1	0	1	1	1	1
50560		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50551	0	
50552	0	
50553	0	
50554	0	
50555	0	
50556	0	
50557	0	
50558	0	
50559	0	
50560	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Pre administration			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50651		1	1	2	1	1	1	0	1	1	1	1
50652		1	1	2	1	1	1	0	1	1	1	1
50653		1	1	2	1	1	1	0	1	1	1	1
50654		1	1	2	1	1	1	0	1	1	1	1
50655		1	1	2	1	1	1	0	1	1	1	1
50656		1	1	2	1	1	1	0	1	1	1	1
50657		1	1	2	1	1	1	0	1	1	1	1
50658		1	1	2	1	1	1	0	1	1	1	1
50659		1	1	2	1	1	1	0	1	1	1	1
50660		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50651	0	
50652	0	
50653	0	
50654	0	
50655	0	
50656	0	
50657	0	
50658	0	
50659	0	
50660	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 7			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50551		1	1	2	1	1	1	0	1	1	1	1
50552		1	1	2	1	1	1	0	1	1	1	1
50553		1	1	2	1	1	1	0	1	1	1	1
50554		1	1	2	1	1	1	0	1	1	1	1
50555		1	1	2	1	1	1	0	1	1	1	1
50556		1	1	2	1	1	1	0	1	1	1	1
50557		1	1	2	1	1	1	0	1	1	1	1
50558		1	1	2	1	1	1	0	1	1	1	1
50559		1	1	2	1	1	1	0	1	1	1	1
50560		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50551	0	
50552	0	
50553	0	
50554	0	
50555	0	
50556	0	
50557	0	
50558	0	
50559	0	
50560	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 7			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50651		1	1	2	1	1	1	0	1	1	1	1
50652		1	1	2	1	1	1	0	1	1	1	1
50653		1	1	2	1	1	1	0	1	1	1	1
50654		1	1	2	1	1	1	0	1	1	1	1
50655		1	1	2	1	1	1	0	1	1	1	1
50656		1	1	2	1	1	1	0	1	1	1	1
50657		1	1	2	1	1	1	0	1	1	1	1
50658		1	1	2	1	1	1	0	1	1	1	1
50659		1	1	2	1	1	1	0	1	1	1	1
50660		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50651	0	
50652	0	
50653	0	
50654	0	
50655	0	
50656	0	
50657	0	
50658	0	
50659	0	
50660	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 14			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50551	1	1	2	1	1	1	1	0	1	1	1	1
50552	1	1	2	1	1	1	0	1	1	1	1	1
50553	1	1	2	1	1	1	0	1	1	1	1	1
50554	1	1	2	1	1	1	1	0	1	1	1	1
50555	1	1	2	1	1	1	0	1	1	1	1	1
50556	1	1	2	1	1	1	0	1	1	1	1	1
50557	1	1	2	1	1	1	0	1	1	1	1	1
50558	1	1	2	1	1	1	0	1	1	1	1	1
50559	1	1	2	1	1	1	0	1	1	1	1	1
50560	1	1	2	1	1	1	0	1	1	1	1	1
n	10	10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50551	0	
50552	0	
50553	0	
50554	0	
50555	0	
50556	0	
50557	0	
50558	0	
50559	0	
50560	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 14			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50651		1	1	2	1	1	1	0	1	1	1	1
50652		1	1	2	1	1	1	0	1	1	1	1
50653		1	1	2	1	1	1	0	1	1	1	1
50654		1	1	2	1	1	1	0	1	1	1	1
50655		1	1	2	1	1	1	0	1	1	1	1
50656		1	1	2	1	1	1	0	1	1	1	1
50657		1	1	2	1	1	1	0	1	1	1	1
50658		1	1	2	1	1	1	0	1	1	1	1
50659		1	1	2	1	1	1	0	1	1	1	1
50660		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50651	0	
50652	0	
50653	0	
50654	0	
50655	0	
50656	0	
50657	0	
50658	0	
50659	0	
50660	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 21			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50551		1	1	2	1	1	1	0	1	1	1	1
50552		1	1	2	1	1	1	0	1	1	1	1
50553		1	1	2	1	1	1	0	1	1	1	1
50554		1	1	2	1	1	1	0	1	1	1	1
50555		1	1	2	1	1	1	0	1	1	1	1
50556		1	1	2	1	1	1	0	1	1	1	1
50557		1	1	2	1	1	1	0	1	1	1	1
50558		1	1	2	1	1	1	0	1	1	1	1
50559		1	1	2	1	1	1	0	1	1	1	1
50560		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50551	0	
50552	0	
50553	0	
50554	0	
50555	0	
50556	0	
50557	0	
50558	0	
50559	0	
50560	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)		Species : Rat									
	Sex : Female (satellite)		Stage : Day 21			Dose : 2,6-Naphthalic Acid 1000 mg/kg						
	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50651	1	1	2	1	1	1	0	1	1	1	1	1
50652	1	1	2	1	1	1	0	1	1	1	1	1
50653	1	1	2	1	1	1	0	1	1	1	1	1
50654	1	1	2	1	1	1	0	1	1	1	1	1
50655	1	1	2	1	1	1	0	1	1	1	1	1
50656	1	1	2	1	1	1	0	1	1	1	1	1
50657	1	1	2	1	1	1	0	1	1	1	1	1
50658	1	1	2	1	1	1	0	1	1	1	1	1
50659	1	1	2	1	1	1	0	1	1	1	1	1
50660	1	1	2	1	1	1	0	1	1	1	1	1
n	10	10	10	10	10	10	10	10	10	10	10	10
<hr/>												
Secretions/ Excretions												
Animal No.												
50651	0											
50652	0											
50653	0											
50654	0											
50655	0											
50656	0											
50657	0											
50658	0											
50659	0											
50660	0											
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 28			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50551		1	1	2	1	1	1	0	1	1	1	1
50552		1	1	2	1	1	1	0	1	1	1	1
50553		1	1	2	1	1	1	0	1	1	1	1
50554		1	1	2	1	1	1	0	1	1	1	1
50555		1	1	2	1	1	1	0	1	1	1	1
50556		1	1	2	1	1	1	0	1	1	1	1
50557		1	1	2	1	1	1	0	1	1	1	1
50558		1	1	2	1	1	1	0	1	1	1	1
50559		1	1	2	1	1	1	0	1	1	1	1
50560		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50551	0	
50552	0	
50553	0	
50554	0	
50555	0	
50556	0	
50557	0	
50558	0	
50559	0	
50560	0	
n	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.

Lacration) 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.

Animal No.	Detailed clinical observation (on the hand)			Stage : Day 28			Species : Rat					
	Sex : Female (satellite)	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50651		1	1	2	1	1	1	0	1	1	1	1
50652		1	1	2	1	1	1	0	1	1	1	1
50653		1	1	2	1	1	1	0	1	1	1	1
50654		1	1	2	1	1	1	0	1	1	1	1
50655		1	1	2	1	1	1	0	1	1	1	1
50656		1	1	2	1	1	1	0	1	1	1	1
50657		1	1	2	1	1	1	0	1	1	1	1
50658		1	1	2	1	1	1	0	1	1	1	1
50659		1	1	2	1	1	1	0	1	1	1	1
50660		1	1	2	1	1	1	0	1	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Animal No.	Secretions/ Excretions	
50651	0	
50652	0	
50653	0	
50654	0	
50655	0	
50656	0	
50657	0	
50658	0	
50659	0	
50660	0	
n	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.

Lacration) 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 Dose : 2,6-Naphthalic Acid 0 mg/kg								
Sex : Male										Species : Rat		
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10106	1	1	2	1	1	1	0	1	1	1	1	
10107	1	1	2	1	1	1	0	1	1	1	1	
10110	1	1	2	1	1	1	0	1	1	1	1	
10111	1	1	2	1	1	1	0	1	1	1	1	
10112	1	1	2	1	1	1	0	1	1	1	1	
n	5	5	5	5	5	5	5	5	5	5	5	

Secretions/ Excretions	
Animal No.	
10106	0
10107	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (on the hand)											Species : Rat
	Stage : Recovery Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
10401	1	1	2	1	1	1	0	1	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5	

Animal No.	Secretions/ Excretions
10401	0
10404	0
10406	0
10411	0
10412	0
n	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.

Lacration) 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					Species : Rat		
Sex : Male		Dose : 2,6-Naphthalic Acid 0 mg/kg									
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
10106	1	1	2	1	1	1	0	1	1	1	1
10107	1	1	2	1	1	1	0	1	1	1	1
10110	1	1	2	1	1	1	0	1	1	1	1
10111	1	1	2	1	1	1	0	1	1	1	1
10112	1	1	2	1	1	1	0	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5

Secretions/ Excretions	
Animal No.	
10106	0
10107	0
10110	0
10111	0
10112	0
n	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.

Lacration) 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 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Species : Rat		
Sex : Male	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
Animal No.											
10401	1	1	2	1	1	1	0	1	1	1	1
10404	1	1	2	1	1	1	0	1	1	1	1
10406	1	1	2	1	1	1	0	1	1	1	1
10411	1	1	2	1	1	1	0	1	1	1	1
10412	1	1	2	1	1	1	0	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5

Secretions/ Excretions	
Animal No.	
10401	0
10404	0
10406	0
10411	0
10412	0
n	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.

Lacration) 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								Species : Rat	
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 0 mg/kg								Species : Rat	
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation	
50556	1	1	2	1	1	1	0	1	1	1	1	1
50557	1	1	2	1	1	1	0	1	1	1	1	1
50558	1	1	2	1	1	1	0	1	1	1	1	1
50559	1	1	2	1	1	1	0	1	1	1	1	1
50560	1	1	2	1	1	1	0	1	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5	5

Animal No.	Secretions/ Excretions
50556	0
50557	0
50558	0
50559	0
50560	0
n	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.

Lacration) 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 : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat		
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50656	1	1	2	1	1	1	0	1	1	1	1
50657	1	1	2	1	1	1	0	1	1	1	1
50658	1	1	2	1	1	1	0	1	1	1	1
50659	1	1	2	1	1	1	0	1	1	1	1
50660	1	1	2	1	1	1	0	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5

Animal No.	Secretions/ Excretions
50656	0
50657	0
50658	0
50659	0
50660	0
n	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.

Lacration) 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					Species : Rat		
Sex : Female (satellite)		Dose : 2,6-Naphthalic Acid 0 mg/kg									
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50556	1	1	2	1	1	1	0	1	1	1	1
50557	1	1	2	1	1	1	0	1	1	1	1
50558	1	1	2	1	1	1	0	1	1	1	1
50559	1	1	2	1	1	1	0	1	1	1	1
50560	1	1	2	1	1	1	0	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5

Secretions/ Excretions	
Animal No.	
50556	0
50557	0
50558	0
50559	0
50560	0
n	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.

Lacration) 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) Sex : Female (satellite)				Stage : Recovery Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Species : Rat		
Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin	Pupil size	Lacration	Salivation
50656	1	1	2	1	1	1	0	1	1	1	1
50657	1	1	2	1	1	1	0	1	1	1	1
50658	1	1	2	1	1	1	0	1	1	1	1
50659	1	1	2	1	1	1	0	1	1	1	1
50660	1	1	2	1	1	1	0	1	1	1	1
n	5	5	5	5	5	5	5	5	5	5	5

Animal No.	Secretions/ Excretions
50656	0
50657	0
50658	0
50659	0
50660	0
n	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.

Lacration) 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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10101	1	1	1	1	1	1	0	0	1	1	1
10102	1	1	1	1	0	0	0	0	1	1	1
10103	1	1	1	1	0	0	0	0	1	1	1
10104	1	1	1	1	1	1	0	0	1	1	1
10105	1	1	1	1	0	0	0	0	1	1	1
10106	1	1	1	1	0	1	0	0	1	1	1
10107	1	1	1	1	0	0	0	0	1	1	1
10108	1	1	1	1	0	0	0	0	1	1	1
10109	1	1	1	1	0	1	0	0	1	1	1
10110	1	1	1	1	0	0	0	0	1	1	1
10111	1	1	1	1	0	1	0	0	1	1	1
10112	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10201	1	1	1	1	1	1	0	0	1	1	1
10202	1	1	1	1	0	0	0	0	1	1	1
10203	1	1	1	1	1	0	0	0	1	1	1
10204	1	1	1	1	1	1	0	0	1	1	1
10205	1	1	1	1	1	1	0	0	1	1	1
10206	1	1	1	1	1	1	0	0	1	1	1
10207	1	1	1	1	0	0	0	0	1	1	1
10208	1	1	1	1	1	0	0	0	1	1	1
10209	1	1	1	1	1	0	0	0	1	1	1
10210	1	1	1	1	0	1	0	0	1	1	1
10211	1	1	1	1	0	0	0	0	1	1	1
10212	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10301	1	1	1	1	0	0	0	0	1	1	1
10302	1	1	1	1	0	1	0	0	1	1	1
10303	1	1	1	1	1	1	0	0	1	1	1
10304	1	1	1	1	1	1	0	0	1	1	1
10305	1	1	1	1	0	1	0	0	1	1	1
10306	1	1	1	1	0	0	0	0	1	1	1
10307	1	1	1	1	0	0	0	0	1	1	1
10308	1	1	1	1	0	0	0	0	1	1	1
10309	1	1	1	1	0	1	0	0	1	1	1
10310	1	1	1	1	0	0	0	0	1	1	1
10311	1	1	1	1	0	0	0	0	1	1	1
10312	1	1	1	1	0	1	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10401	1	1	1	1	0	1	0	0	1	1	1
10402	1	1	1	1	0	1	0	0	1	1	1
10403	1	1	1	1	0	0	0	0	1	1	1
10404	1	1	1	1	1	1	0	0	1	1	1
10405	1	1	1	1	0	1	0	0	1	1	1
10406	1	1	1	1	1	1	0	0	1	1	1
10407	1	1	1	1	0	0	0	0	1	1	1
10408	1	1	1	1	0	0	0	0	1	1	1
10409	1	1	1	1	0	0	0	0	1	1	1
10410	1	1	1	1	0	0	0	0	1	1	1
10411	1	1	1	1	0	0	0	0	1	1	1
10412	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10101	1	1	1	1	0	0	0	0	1	1	1
10102	1	1	1	1	0	0	1	0	1	1	1
10103	1	1	1	1	0	0	0	0	1	1	1
10104	1	1	1	1	0	0	0	0	1	1	1
10105	1	1	1	1	0	0	0	0	1	1	1
10106	1	1	1	1	1	0	0	0	1	1	1
10107	1	1	1	1	0	0	0	0	1	1	1
10108	1	1	1	1	0	0	0	0	1	1	1
10109	1	1	1	1	0	0	0	0	1	1	1
10110	1	1	1	1	0	0	0	0	1	1	1
10111	1	1	1	1	0	0	0	0	1	1	1
10112	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)								Species : Rat		
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 100 mg/kg								Vocalization	Aggression	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward		
10201	1	1	1	1	0	0	0	0	1	1	1
10202	1	1	1	1	0	0	0	0	1	1	1
10203	1	1	1	1	0	0	0	0	1	1	1
10204	1	1	1	1	0	0	0	0	1	1	1
10205	1	1	1	1	1	0	0	0	1	1	1
10206	1	1	1	1	1	0	0	0	1	1	1
10207	1	1	1	1	0	0	0	0	1	1	1
10208	1	1	1	1	1	0	0	0	1	1	1
10209	1	1	1	1	0	0	0	0	1	1	1
10210	1	1	1	1	0	0	0	0	1	1	1
10211	1	1	1	1	1	0	0	0	1	1	1
10212	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10301	1	1	1	1	0	0	0	0	1	1	1
10302	1	1	1	1	0	0	0	0	1	1	1
10303	1	1	1	1	0	0	0	0	1	1	1
10304	1	1	1	1	0	0	0	0	1	1	1
10305	1	1	1	1	0	1	0	0	1	1	1
10306	1	1	1	1	0	0	0	0	1	1	1
10307	1	1	1	1	0	0	0	0	1	1	1
10308	1	1	1	1	0	0	0	0	1	1	1
10309	1	1	1	1	0	1	0	0	1	1	1
10310	1	1	1	1	0	0	0	0	1	1	1
10311	1	1	1	1	0	0	0	0	1	1	1
10312	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10401	1	1	1	1	0	0	0	0	1	1	1
10402	1	1	1	1	0	0	0	0	1	1	1
10403	1	1	1	1	0	0	0	0	1	1	1
10404	1	1	1	1	0	1	0	0	1	1	1
10405	1	1	1	1	0	0	0	0	1	1	1
10406	1	1	1	1	0	1	0	0	1	1	1
10407	1	1	1	1	0	0	0	0	1	1	1
10408	1	1	1	1	0	0	0	0	1	1	1
10409	1	1	1	1	0	0	0	0	1	1	1
10410	1	1	1	1	0	0	0	0	1	1	1
10411	1	1	1	1	0	0	0	0	1	1	1
10412	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10101	1	1	1	1	0	0	0	0	1	1	1
10102	1	1	1	1	0	0	0	0	1	1	1
10103	1	1	1	1	0	0	0	0	1	1	1
10104	1	1	1	1	0	0	0	0	1	1	1
10105	1	1	1	1	0	0	0	0	1	1	1
10106	1	1	1	1	0	0	0	0	1	1	1
10107	1	1	1	1	0	0	0	0	1	1	1
10108	1	1	1	1	0	0	0	0	1	1	1
10109	1	1	1	1	0	0	0	0	1	1	1
10110	1	1	1	1	0	0	0	0	1	1	1
10111	1	1	1	1	0	0	0	0	1	1	1
10112	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10201	1	1	1	1	0	0	0	0	1	1	1
10202	1	1	1	1	0	0	0	0	1	1	1
10203	1	1	1	1	0	0	0	0	1	1	1
10204	1	1	1	1	0	0	0	0	1	1	1
10205	1	1	1	1	0	1	0	0	1	1	1
10206	1	1	1	1	0	0	0	0	1	1	1
10207	1	1	1	1	0	0	0	0	1	1	1
10208	1	1	1	1	1	1	0	0	1	1	1
10209	1	1	1	1	1	0	0	0	1	1	1
10210	1	1	1	1	0	0	0	0	1	1	1
10211	1	1	1	1	1	0	0	0	1	1	1
10212	1	1	1	1	1	1	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10301	1	1	1	1	0	0	0	0	1	1	1
10302	1	1	1	1	0	0	0	0	1	1	1
10303	1	1	1	1	1	0	0	0	1	1	1
10304	1	1	1	1	0	0	0	0	1	1	1
10305	1	1	1	1	1	1	0	0	1	1	1
10306	1	1	1	1	0	0	0	0	1	1	1
10307	1	1	1	1	0	0	0	0	1	1	1
10308	1	1	1	1	0	0	0	0	1	1	1
10309	1	1	1	1	1	1	0	0	1	1	1
10310	1	1	1	1	0	0	0	0	1	1	1
10311	1	1	1	1	0	0	0	0	1	1	1
10312	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10401	1	1	1	1	0	0	0	0	1	1	1
10402	1	1	1	1	0	0	0	0	1	1	1
10403	1	1	1	1	0	0	0	0	1	1	1
10404	1	1	1	1	0	0	0	0	1	1	1
10405	1	1	1	1	0	0	0	0	1	1	1
10406	1	1	1	1	0	0	0	0	1	1	1
10407	1	1	1	1	0	0	0	0	1	1	1
10408	1	1	1	1	0	0	0	0	1	1	1
10409	1	1	1	1	0	0	0	0	1	1	1
10410	1	1	1	1	0	0	0	0	1	1	1
10411	1	1	1	1	0	0	0	0	1	1	1
10412	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10101	1	1	1	1	0	1	0	0	1	1	1
10102	1	1	1	1	0	0	0	0	1	1	1
10103	1	1	1	1	0	0	0	0	1	1	1
10104	1	1	1	1	0	0	0	0	1	1	1
10105	1	1	1	1	0	0	0	0	1	1	1
10106	1	1	1	1	0	0	0	0	1	1	1
10107	1	1	1	1	0	0	0	0	1	1	1
10108	1	1	1	1	0	0	0	0	1	1	1
10109	1	1	1	1	0	0	0	0	1	1	1
10110	1	1	1	1	0	0	0	0	1	1	1
10111	1	1	1	1	0	0	0	0	1	1	1
10112	1	1	1	1	1	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10201	1	1	1	1	0	0	0	0	1	1	1
10202	1	1	1	1	0	0	0	0	1	1	1
10203	1	1	1	1	0	0	0	0	1	1	1
10204	1	1	1	1	0	0	0	0	1	1	1
10205	1	1	1	1	0	0	0	0	1	1	1
10206	1	1	1	1	0	0	0	0	1	1	1
10207	1	1	1	1	0	0	0	0	1	1	1
10208	1	1	1	1	0	1	0	0	1	1	1
10209	1	1	1	1	0	0	0	0	1	1	1
10210	1	1	1	1	0	0	0	0	1	1	1
10211	1	1	1	1	0	0	0	0	1	1	1
10212	1	1	1	1	1	1	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10301	1	1	1	1	0	0	0	0	1	1	1
10302	1	1	1	1	0	0	0	0	1	1	1
10303	1	1	1	1	0	0	0	0	1	1	1
10304	1	1	1	1	0	0	0	0	1	1	1
10305	1	1	1	1	0	0	0	0	1	1	1
10306	1	1	1	1	0	0	0	0	1	1	1
10307	1	1	1	1	0	0	0	0	1	1	1
10308	1	1	1	1	0	0	0	0	1	1	1
10309	1	1	1	1	0	1	0	0	1	1	1
10310	1	1	1	1	0	0	0	0	1	1	1
10311	1	1	1	1	0	0	0	0	1	1	1
10312	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10401	1	1	1	1	0	0	0	0	1	1	1
10402	1	1	1	1	0	0	0	0	1	1	1
10403	1	1	1	1	1	0	0	0	1	1	1
10404	1	1	1	1	0	0	0	0	1	1	1
10405	1	1	1	1	0	0	0	0	1	1	1
10406	1	1	1	1	0	1	0	0	1	1	1
10407	1	1	1	1	0	0	0	0	1	1	1
10408	1	1	1	1	0	0	0	0	1	1	1
10409	1	1	1	1	0	0	0	0	1	1	1
10410	1	1	1	1	0	0	0	0	1	1	1
10411	1	1	1	1	0	0	0	0	1	1	1
10412	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10101	1	1	1	1	0	0	0	0	1	1	1
10102	1	1	1	1	0	0	0	0	1	1	1
10103	1	1	1	1	0	0	0	0	1	1	1
10104	1	1	1	1	0	0	0	0	1	1	1
10105	1	1	1	1	0	0	0	0	1	1	1
10106	1	1	1	1	0	0	0	0	1	1	1
10107	1	1	1	1	0	0	0	0	1	1	1
10108	1	1	1	1	0	0	0	0	1	1	1
10109	1	1	1	1	0	0	0	0	1	1	1
10110	1	1	1	1	0	0	0	0	1	1	1
10111	1	1	1	1	0	0	0	0	1	1	1
10112	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10201	1	1	1	1	0	0	0	0	1	1	1
10202	1	1	1	1	0	0	0	0	1	1	1
10203	1	1	1	1	0	0	0	0	1	1	1
10204	1	1	1	1	0	0	0	0	1	1	1
10205	1	1	1	1	0	0	0	0	1	1	1
10206	1	1	1	1	0	0	0	0	1	1	1
10207	1	1	1	1	0	0	0	0	1	1	1
10208	1	1	1	1	0	0	0	0	1	1	1
10209	1	1	1	1	0	0	0	0	1	1	1
10210	1	1	1	1	0	0	0	0	1	1	1
10211	1	1	1	1	0	0	0	0	1	1	1
10212	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10301	1	1	1	1	0	0	0	0	1	1	1
10302	1	1	1	1	0	0	0	0	1	1	1
10303	1	1	1	1	0	0	0	0	1	1	1
10304	1	1	1	1	0	0	0	0	1	1	1
10305	1	1	1	1	0	0	0	0	1	1	1
10306	1	1	1	1	0	0	0	0	1	1	1
10307	1	1	1	1	0	0	0	0	1	1	1
10308	1	1	1	1	0	0	0	0	1	1	1
10309	1	1	1	1	0	0	0	0	1	1	1
10310	1	1	1	1	0	0	0	0	1	1	1
10311	1	1	1	1	0	0	0	0	1	1	1
10312	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Male	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 28 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
10401	1	1	1	1	0	0	0	0	1	1	1
10402	1	1	1	1	0	0	0	0	1	1	1
10403	1	1	1	1	0	0	0	0	1	1	1
10404	1	1	1	1	0	0	0	0	1	1	1
10405	1	1	1	1	0	0	0	0	1	1	1
10406	1	1	1	1	0	0	0	0	1	1	1
10407	1	1	1	1	0	0	0	0	1	1	1
10408	1	1	1	1	0	0	0	0	1	1	1
10409	1	1	1	1	0	0	0	0	1	1	1
10410	1	1	1	1	0	0	0	0	1	1	1
10411	1	1	1	1	0	0	0	0	1	1	1
10412	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151	1	1	1	1	0	0	0	0	1	1	1
50152	1	1	1	1	0	0	0	0	1	1	1
50153	1	1	1	1	0	0	0	0	1	1	1
50154	1	1	1	1	1	1	0	0	1	1	1
50155	1	1	1	1	0	0	0	0	1	1	1
50156	1	1	1	1	0	0	0	0	1	1	1
50157	1	1	1	1	0	0	0	0	1	1	1
50158	1	1	1	1	0	0	0	0	1	1	1
50159	1	1	1	1	0	0	0	0	1	1	1
50160	1	1	1	1	0	0	0	0	1	1	1
50161	1	1	1	1	0	0	0	0	1	1	1
50162	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50251	1	1	1	1	0	0	0	0	1	1	1
50252	1	1	1	1	0	0	0	0	1	1	1
50253	1	1	1	1	0	0	0	0	1	1	1
50254	1	1	1	1	0	0	0	0	1	1	1
50255	1	1	1	1	0	0	0	0	1	1	1
50256	1	1	1	1	0	0	0	0	1	1	1
50257	1	1	1	1	0	1	0	0	1	1	1
50258	1	1	1	1	0	0	0	0	1	1	1
50259	1	1	1	1	0	0	0	0	1	1	1
50260	1	1	1	1	0	0	0	0	1	1	1
50261	1	1	1	1	0	0	0	0	1	1	1
50262	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50351	1	1	1	1	0	0	0	0	1	1	1
50352	1	1	1	1	0	0	0	0	1	1	1
50353	1	1	1	1	0	0	0	0	1	1	1
50354	1	1	1	1	0	0	0	0	1	1	1
50355	1	1	1	1	0	0	0	0	1	1	1
50356	1	1	1	1	0	0	0	0	1	1	1
50357	1	1	1	1	0	0	0	0	1	1	1
50358	1	1	1	1	0	0	0	0	1	1	1
50359	1	1	1	1	0	0	0	0	1	1	1
50360	1	1	1	1	0	0	0	0	1	1	1
50361	1	1	1	1	0	0	0	0	1	1	1
50362	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50451	1	1	1	1	0	0	0	0	1	1	1
50452	1	1	1	1	0	0	0	0	1	1	1
50453	1	1	1	1	0	0	0	0	1	1	1
50454	1	1	1	1	0	0	0	0	1	1	1
50455	1	1	1	1	0	0	0	0	1	1	1
50456	1	1	1	1	1	1	0	0	1	1	1
50457	1	1	1	1	0	0	0	0	1	1	1
50458	1	1	1	1	0	0	0	0	1	1	1
50459	1	1	1	1	0	0	0	0	1	1	1
50460	1	1	1	1	0	0	0	0	1	1	1
50461	1	1	1	1	0	0	0	0	1	1	1
50462	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 7 Dose : 2,6-Naphthalic Acid 0 mg/kg					Species : Rat		
	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151	1	1	1	1	0	0	0	0	1	1	1
50152	1	1	1	1	0	0	0	0	1	1	1
50153	1	1	1	1	0	0	0	0	1	1	1
50154	1	1	1	1	0	0	0	0	1	1	1
50155	1	1	1	1	0	0	0	0	1	1	1
50156	1	1	1	1	0	0	0	0	1	1	1
50157	1	1	1	1	0	0	0	0	1	1	1
50158	1	1	1	1	0	0	0	0	1	1	1
50159	1	1	1	1	0	0	0	0	1	1	1
50160	1	1	1	1	0	0	0	0	1	1	1
50161	1	1	1	1	0	0	0	0	1	1	1
50162	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50251	1	1	1	1	0	0	0	0	1	1	1
50252	1	1	1	1	0	0	0	0	1	1	1
50253	1	1	1	1	0	0	0	0	1	1	1
50254	1	1	1	1	0	0	0	0	1	1	1
50255	1	1	1	1	0	0	0	0	1	1	1
50256	1	1	1	1	0	0	0	0	1	1	1
50257	1	1	1	1	0	0	0	0	1	1	1
50258	1	1	1	1	0	0	0	0	1	1	1
50259	1	1	1	1	0	0	0	0	1	1	1
50260	1	1	1	1	0	0	0	0	1	1	1
50261	1	1	1	1	0	0	0	0	1	1	1
50262	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50351	1	1	1	1	1	0	0	0	1	1	1
50352	1	1	1	1	0	0	0	0	1	1	1
50353	1	1	1	1	0	0	0	0	1	1	1
50354	1	1	1	1	0	0	0	0	1	1	1
50355	1	1	1	1	0	0	0	0	1	1	1
50356	1	1	1	1	0	0	0	0	1	1	1
50357	1	1	1	1	0	0	0	0	1	1	1
50358	1	1	1	1	0	0	0	0	1	1	1
50359	1	1	1	1	0	0	0	0	1	1	1
50360	1	1	1	1	0	0	0	0	1	1	1
50361	1	1	1	1	0	0	0	0	1	1	1
50362	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50451	1	1	1	1	0	0	0	0	1	1	1
50452	1	1	1	1	0	0	0	0	1	1	1
50453	1	1	1	1	0	0	0	0	1	1	1
50454	1	1	1	1	0	0	0	0	1	1	1
50455	1	1	1	1	0	0	0	0	1	1	1
50456	1	1	1	1	0	0	0	0	1	1	1
50457	1	1	1	1	0	0	0	0	1	1	1
50458	1	1	1	1	0	0	0	0	1	1	1
50459	1	1	1	1	0	0	0	0	1	1	1
50460	1	1	1	1	0	0	0	0	1	1	1
50461	1	1	1	1	0	0	0	0	1	1	1
50462	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151	1	1	1	1	0	0	0	0	1	1	1
50152	1	1	1	1	1	0	0	0	1	1	1
50153	1	1	1	1	0	0	0	0	1	1	1
50154	1	1	1	1	0	0	0	0	1	1	1
50155	1	1	1	1	0	0	0	0	1	1	1
50156	1	1	1	1	0	0	0	0	1	1	1
50157	1	1	1	1	0	0	0	0	1	1	1
50158	1	1	1	1	0	0	0	0	1	1	1
50159	1	1	1	1	0	0	0	0	1	1	1
50160	1	1	1	1	0	0	0	0	1	1	1
50161	1	1	1	1	0	0	0	0	1	1	1
50162	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50251	1	1	1	1	0	0	0	0	1	1	1
50252	1	1	1	1	0	0	0	0	1	1	1
50253	1	1	1	1	0	0	0	0	1	1	1
50254	1	1	1	1	0	0	0	0	1	1	1
50255	1	1	1	1	0	0	0	0	1	1	1
50256	1	1	1	1	0	0	0	0	1	1	1
50257	1	1	1	1	0	0	0	0	1	1	1
50258	1	1	1	1	0	0	0	0	1	1	1
50259	1	1	1	1	0	0	0	0	1	1	1
50260	1	1	1	1	0	0	0	0	1	1	1
50261	1	1	1	1	0	0	0	0	1	1	1
50262	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 14 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50351	1	1	1	1	1	0	0	0	1	1	1
50352	1	1	1	1	0	0	0	0	1	1	1
50353	1	1	1	1	0	0	0	0	1	1	1
50354	1	1	1	1	0	0	0	0	1	1	1
50355	1	1	1	1	0	0	0	0	1	1	1
50356	1	1	1	1	0	0	0	0	1	1	1
50357	1	1	1	1	0	0	0	0	1	1	1
50358	1	1	1	1	0	0	0	0	1	1	1
50359	1	1	1	1	0	0	0	0	1	1	1
50360	1	1	1	1	0	0	0	0	1	1	1
50361	1	1	1	1	0	0	0	0	1	1	1
50362	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Detailed clinical observation (in the open-field) Sex : Female			Stage : Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50451	1	1	1	1	0	0	0	0	1	1	1	
50452	1	1	1	1	0	0	0	0	1	1	1	
50453	1	1	1	1	0	0	0	0	1	1	1	
50454	1	1	1	1	0	0	0	0	1	1	1	
50455	1	1	1	1	0	0	0	0	1	1	1	
50456	1	1	1	1	0	0	0	0	1	1	1	
50457	1	1	1	1	0	0	0	0	1	1	1	
50458	1	1	1	1	0	0	0	0	1	1	1	
50459	1	1	1	1	0	0	0	0	1	1	1	
50460	1	1	1	1	0	0	0	0	1	1	1	
50461	1	1	1	1	0	0	0	0	1	1	1	
50462	1	1	1	1	0	0	0	0	1	1	1	
n	12	12	12	12	12	12	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.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 21					Species : Rat			
	Sex : Female	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151		1	1	1	1	0	0	0	0	1	1	1
50152		1	1	1	1	0	0	0	0	1	1	1
50153		1	1	1	1	0	0	0	0	1	1	1
50154		1	1	1	1	0	0	0	0	1	1	1
50155		1	1	1	1	0	0	0	0	1	1	1
50156		1	1	1	1	0	0	0	0	1	1	1
50157		1	1	1	1	0	0	0	0	1	1	1
50158		1	1	1	1	0	0	0	0	1	1	1
50159		1	1	1	1	0	0	0	0	1	1	1
50160		1	1	1	1	0	0	0	0	1	1	1
50161		1	1	1	1	0	0	0	0	1	1	1
50162		1	1	1	1	0	0	0	0	1	1	1
n		12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50251	1	1	1	1	0	0	0	0	1	1	1
50252	1	1	1	1	0	0	0	0	1	1	1
50253	1	1	1	1	0	0	0	0	1	1	1
50254	1	1	1	1	0	0	0	0	1	1	1
50255	1	1	1	1	0	0	0	0	1	1	1
50256	1	1	1	1	0	0	0	0	1	1	1
50257	1	1	1	1	0	0	0	0	1	1	1
50258	1	1	1	1	0	0	0	0	1	1	1
50259	1	1	1	1	0	0	0	0	1	1	1
50260	1	1	1	1	0	0	0	0	1	1	1
50261	1	1	1	1	0	0	0	0	1	1	1
50262	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 21 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50351	1	1	1	1	0	0	0	0	1	1	1
50352	1	1	1	1	0	0	0	0	1	1	1
50353	1	1	1	1	0	0	0	0	1	1	1
50354	1	1	1	1	0	0	0	0	1	1	1
50355	1	1	1	1	0	0	0	0	1	1	1
50356	1	1	1	1	0	0	0	0	1	1	1
50357	1	1	1	1	0	0	0	0	1	1	1
50358	1	1	1	1	0	0	0	0	1	1	1
50359	1	1	1	1	0	0	0	0	1	1	1
50360	1	1	1	1	0	0	0	0	1	1	1
50361	1	1	1	1	0	0	0	0	1	1	1
50362	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Detailed clinical observation (in the open-field)				Stage : Day 21					Species : Rat		
Sex : Female				Dose : 2,6-Naphthalic Acid 1000 mg/kg					Vocalization	Aggression	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward		
50451	1	1	1	1	0	0	0	0	1	1	1
50452	1	1	1	1	0	0	0	0	1	1	1
50453	1	1	1	1	0	0	0	0	1	1	1
50454	1	1	1	1	0	0	0	0	1	1	1
50455	1	1	1	1	0	0	0	0	1	1	1
50456	1	1	1	1	0	0	0	0	1	1	1
50457	1	1	1	1	0	0	0	0	1	1	1
50458	1	1	1	1	0	0	0	0	1	1	1
50459	1	1	1	1	0	0	0	0	1	1	1
50460	1	1	1	1	0	0	0	0	1	1	1
50461	1	1	1	1	0	0	0	0	1	1	1
50462	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Animal No.	Detailed clinical observation (in the open-field)			Species : Rat								
	Sex : Female	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151		1	1	1	1	0	0	0	0	1	1	1
50152		1	1	1	1	0	0	0	0	1	1	1
50153		1	1	1	1	0	0	0	0	1	1	1
50154		1	1	1	1	0	0	0	0	1	1	1
50155		1	1	1	1	0	0	0	0	1	1	1
50156		1	1	1	1	0	0	0	0	1	1	1
50157		1	1	1	1	0	0	0	0	1	1	1
50158		1	1	1	1	0	0	0	0	1	1	1
50159		1	1	1	1	0	0	0	0	1	1	1
50160		1	1	1	1	0	0	0	0	1	1	1
50161		1	1	1	1	0	0	0	0	1	1	1
50162		1	1	1	1	0	0	0	0	1	1	1
n		12	12	12	12	12	12	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.

Detailed clinical observation (in the open-field)			Stage : Day 28								Species : Rat	
Sex : Female			Dose : 2,6-Naphthalic Acid 100 mg/kg									
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50251	1	1	1	1	0	0	0	0	1	1	1	
50252	1	1	1	1	0	0	0	0	1	1	1	
50253	1	1	1	1	0	0	0	0	1	1	1	
50254	1	1	1	1	0	0	0	0	1	1	1	
50255	1	1	1	1	0	0	0	0	1	1	1	
50256	1	1	1	1	0	0	0	0	1	1	1	
50257	1	1	1	1	0	0	0	0	1	1	1	
50258	1	1	1	1	0	0	0	0	1	1	1	
50259	1	1	1	1	0	0	0	0	1	1	1	
50260	1	1	1	1	0	0	0	0	1	1	1	
50261	1	1	1	1	0	0	0	0	1	1	1	
50262	1	1	1	1	0	0	0	0	1	1	1	
n	12	12	12	12	12	12	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.

Detailed clinical observation (in the open-field)			Species : Rat								
Sex : Female			Stage : Day 28 Dose : 2,6-Naphthalic Acid 300 mg/kg								
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50351	1	1	1	1	0	0	0	0	1	1	1
50352	1	1	1	1	0	0	0	0	1	1	1
50353	1	1	1	1	0	0	0	0	1	1	1
50354	1	1	1	1	0	0	0	0	1	1	1
50355	1	1	1	1	0	0	0	0	1	1	1
50356	1	1	1	1	0	0	0	0	1	1	1
50357	1	1	1	1	0	0	0	0	1	1	1
50358	1	1	1	1	0	0	0	0	1	1	1
50359	1	1	1	1	0	0	0	0	1	1	1
50360	1	1	1	1	0	0	0	0	1	1	1
50361	1	1	1	1	0	0	0	0	1	1	1
50362	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 28 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat	
	Sex : Female	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50451		1	1	1	1	0	0	0	0	1	1	1	
50452		1	1	1	1	0	0	0	0	1	1	1	
50453		1	1	1	1	0	0	0	0	1	1	1	
50454		1	1	1	1	0	0	0	0	1	1	1	
50455		1	1	1	1	0	0	0	0	1	1	1	
50456		1	1	1	1	0	0	0	0	1	1	1	
50457		1	1	1	1	0	0	0	0	1	1	1	
50458		1	1	1	1	0	0	0	0	1	1	1	
50459		1	1	1	1	0	0	0	0	1	1	1	
50460		1	1	1	1	0	0	0	0	1	1	1	
50461		1	1	1	1	0	0	0	0	1	1	1	
50462		1	1	1	1	1	0	0	0	1	1	1	
n		12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151	1	1	1	1	0	0	0	0	1	1	1
50152	1	1	1	1	1	0	0	0	1	1	1
50153	1	1	1	1	0	0	0	0	1	1	1
50154	1	1	1	1	0	0	0	0	1	1	1
50155	1	1	1	1	0	0	0	0	1	1	1
50156	1	1	1	1	0	0	0	0	1	1	1
50157	1	1	1	1	0	0	0	0	1	1	1
50158	1	1	1	1	0	0	0	0	1	1	1
50159	1	1	1	1	0	0	0	0	1	1	1
50160	1	1	1	1	0	0	0	0	1	1	1
50161	1	1	1	1	0	0	0	0	1	1	1
50162	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 100 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50251	1	1	1	1	1	0	0	0	1	1	1
50252	1	1	1	1	0	0	0	0	1	1	1
50253	1	1	1	1	0	0	0	0	1	1	1
50254	1	1	1	1	0	0	0	0	1	1	1
50255	1	1	1	1	0	0	0	0	1	1	1
50256	1	1	1	1	0	0	0	0	1	1	1
50257	1	1	1	1	0	0	0	0	1	1	1
50258	1	1	1	1	0	0	0	0	1	1	1
50259	1	1	1	1	0	0	0	0	1	1	1
50260	1	1	1	1	0	0	0	0	1	1	1
50261	1	1	1	1	0	0	0	0	1	1	1
50262	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Animal No.	Detailed clinical observation (in the open-field)			Species : Rat								
	Sex : Female	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50351		1	1	1	1	0	0	0	0	1	1	1
50352		1	1	1	1	0	0	0	0	1	1	1
50353		1	1	1	1	0	0	0	0	1	1	1
50354		1	1	1	1	0	0	0	0	1	1	1
50355		1	1	1	1	0	0	0	0	1	1	1
50356		1	1	1	1	0	0	0	0	1	1	1
50357		1	1	1	1	0	0	0	0	1	1	1
50358		1	1	1	1	0	0	0	0	1	1	1
50359		1	1	1	1	0	0	0	0	1	1	1
50360		1	1	1	1	0	0	0	0	1	1	1
50361		1	1	1	1	0	0	0	0	1	1	1
50362		1	1	1	1	0	0	0	0	1	1	1
n		12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 35 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50451	1	1	1	1	0	0	0	0	1	1	1
50452	1	1	1	1	0	0	0	0	1	1	1
50453	1	1	1	1	0	0	0	0	1	1	1
50454	1	1	1	1	0	0	0	0	1	1	1
50455	1	1	1	1	0	0	0	0	1	1	1
50456	1	1	1	1	0	0	0	0	1	1	1
50457	1	1	1	1	0	0	0	0	1	1	1
50458	1	1	1	1	0	0	0	0	1	1	1
50459	1	1	1	1	0	0	0	0	1	1	1
50460	1	1	1	1	0	0	0	0	1	1	1
50461	1	1	1	1	0	0	0	0	1	1	1
50462	1	1	1	1	0	0	0	0	1	1	1
n	12	12	12	12	12	12	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 42 Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50151	1	1	1	1	0	0	0	0	1	1	1
50152	1	1	1	1	0	0	0	0	1	1	1
50154	1	1	1	1	0	0	0	0	1	1	1
50155	1	1	1	1	0	0	0	0	1	1	1
50156	1	1	1	1	0	0	0	0	1	1	1
50157	1	1	1	1	0	0	0	0	1	1	1
50158	1	1	1	1	0	0	0	0	1	1	1
50159	1	1	1	1	0	0	0	0	1	1	1
50160	1	1	1	1	0	0	0	0	1	1	1
50161	1	1	1	1	0	0	0	0	1	1	1
50162	1	1	1	1	0	0	0	0	1	1	1
n	11	11	11	11	11	11	11	11	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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat	
	Stage : Day 42 Dose : 2,6-Naphthalic Acid 100 mg/kg										Vocalization	Aggression
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward			
50252	1	1	1	1	0	0	0	0	1	1	1	1
50253	1	1	1	1	0	0	0	0	1	1	1	1
50254	1	1	1	1	0	0	0	0	1	1	1	1
50255	1	1	1	1	0	0	0	0	1	1	1	1
50256	1	1	1	1	0	0	0	0	1	1	1	1
50257	1	1	1	1	0	0	0	0	1	1	1	1
50258	1	1	1	1	0	0	0	0	1	1	1	1
50259	1	1	1	1	0	0	0	0	1	1	1	1
50261	1	1	1	1	0	0	0	0	1	1	1	1
50262	1	1	1	1	0	0	0	0	1	1	1	1
n	10	10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Day 42 Dose : 2,6-Naphthalic Acid 300 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50352	1	1	1	1	0	0	0	0	1	1	1
50353	1	1	1	1	0	0	0	0	1	1	1
50354	1	1	1	1	0	0	0	0	1	1	1
50355	1	1	1	1	0	0	0	0	1	1	1
50356	1	1	1	1	0	0	0	0	1	1	1
50357	1	1	1	1	0	0	0	0	1	1	1
50358	1	1	1	1	0	0	0	0	1	1	1
50359	1	1	1	1	0	0	0	0	1	1	1
50360	1	1	1	1	0	0	0	0	1	1	1
n	9	9	9	9	9	9	9	9	9	9	9

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.

Sex : Female	Detailed clinical observation (in the open-field)										Species : Rat	
	Stage : Day 42 Dose : 2,6-Naphthalic Acid 1000 mg/kg										Vocalization	Aggression
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward			
50451	1	1	1	1	0	0	0	0	1	1	1	1
50452	1	1	1	1	0	0	0	0	1	1	1	1
50453	1	1	1	1	0	0	0	0	1	1	1	1
50454	1	1	1	1	0	0	0	0	1	1	1	1
50455	1	1	1	1	0	0	0	0	1	1	1	1
50456	1	1	1	1	0	0	0	0	1	1	1	1
50458	1	1	1	1	0	0	0	0	1	1	1	1
50459	1	1	1	1	0	0	0	0	1	1	1	1
50461	1	1	1	1	0	0	0	0	1	1	1	1
50462	1	1	1	1	1	0	0	0	1	1	1	1
n	10	10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Sex : Female (satellite)	Detailed clinical observation (in the open-field)										Species : Rat
	Stage : Pre administration Dose : 2,6-Naphthalic Acid 0 mg/kg										
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50551	1	1	1	1	0	0	0	0	1	1	1
50552	1	1	1	1	0	0	0	0	1	1	1
50553	1	1	1	1	0	0	0	0	1	1	1
50554	1	1	1	1	0	0	0	0	1	1	1
50555	1	1	1	1	0	0	0	0	1	1	1
50556	1	1	1	1	0	0	0	0	1	1	1
50557	1	1	1	1	0	0	0	0	1	1	1
50558	1	1	1	1	0	0	0	0	1	1	1
50559	1	1	1	1	0	0	0	0	1	1	1
50560	1	1	1	1	0	0	0	0	1	1	1
n	10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Pre administration					Species : Rat			
	Sex : Female (satellite)	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50651		1	1	1	1	0	0	0	0	1	1	1
50652		1	1	1	1	0	0	0	0	1	1	1
50653		1	1	1	1	0	0	0	0	1	1	1
50654		1	1	1	1	0	0	0	0	1	1	1
50655		1	1	1	1	1	0	0	0	1	1	1
50656		1	1	1	1	0	0	0	0	1	1	1
50657		1	1	1	1	0	0	0	0	1	1	1
50658		1	1	1	1	0	0	0	0	1	1	1
50659		1	1	1	1	0	0	0	0	1	1	1
50660		1	1	1	1	0	0	0	0	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 7					Species : Rat			
	Sex : Female (satellite)	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50551		1	1	1	1	0	0	0	0	1	1	1
50552		1	1	1	1	0	0	0	0	1	1	1
50553		1	1	1	1	0	0	0	0	1	1	1
50554		1	1	1	1	0	0	0	0	1	1	1
50555		1	1	1	1	1	0	0	0	1	1	1
50556		1	1	1	1	0	0	0	0	1	1	1
50557		1	1	1	1	0	0	0	0	1	1	1
50558		1	1	1	1	0	0	0	0	1	1	1
50559		1	1	1	1	0	0	0	0	1	1	1
50560		1	1	1	1	0	0	0	0	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat		
	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50651	1	1	1	1	0	0	0	0	1	1	1	
50652	1	1	1	1	0	0	0	0	1	1	1	
50653	1	1	1	1	0	0	0	0	1	1	1	
50654	1	1	1	1	0	0	0	0	1	1	1	
50655	1	1	1	1	0	0	0	0	1	1	1	
50656	1	1	1	1	0	0	0	0	1	1	1	
50657	1	1	1	1	0	0	0	0	1	1	1	
50658	1	1	1	1	1	0	0	0	1	1	1	
50659	1	1	1	1	0	0	0	0	1	1	1	
50660	1	1	1	1	0	0	0	0	1	1	1	
n	10	10	10	10	10	10	10	10	10	10	10	

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 14					Species : Rat			
	Sex : Female (satellite)	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50551		1	1	1	1	0	0	0	0	1	1	1
50552		1	1	1	1	0	0	0	0	1	1	1
50553		1	1	1	1	0	0	0	0	1	1	1
50554		1	1	1	1	0	0	0	0	1	1	1
50555		1	1	1	1	0	0	0	0	1	1	1
50556		1	1	1	1	0	0	0	0	1	1	1
50557		1	1	1	1	0	0	0	0	1	1	1
50558		1	1	1	1	0	0	0	0	1	1	1
50559		1	1	1	1	0	0	0	0	1	1	1
50560		1	1	1	1	0	0	0	0	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat		
	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50651	1	1	1	1	0	0	0	0	1	1	1	
50652	1	1	1	1	0	0	0	0	1	1	1	
50653	1	1	1	1	0	0	0	0	1	1	1	
50654	1	1	1	1	0	0	0	0	1	1	1	
50655	1	1	1	1	0	0	0	0	1	1	1	
50656	1	1	1	1	0	0	0	0	1	1	1	
50657	1	1	1	1	0	0	0	0	1	1	1	
50658	1	1	1	1	1	0	0	0	1	1	1	
50659	1	1	1	1	0	0	0	0	1	1	1	
50660	1	1	1	1	0	0	0	0	1	1	1	
n	10	10	10	10	10	10	10	10	10	10	10	

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 21			Species : Rat					
	Sex : Female (satellite)	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50551		1	1	1	1	0	0	0	0	1	1	1
50552		1	1	1	1	0	0	0	0	1	1	1
50553		1	1	1	1	0	0	0	0	1	1	1
50554		1	1	1	1	0	0	0	0	1	1	1
50555		1	1	1	1	0	0	0	0	1	1	1
50556		1	1	1	1	0	0	0	0	1	1	1
50557		1	1	1	1	0	0	0	0	1	1	1
50558		1	1	1	1	0	0	0	0	1	1	1
50559		1	1	1	1	0	0	0	0	1	1	1
50560		1	1	1	1	0	0	0	0	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Day 21 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat		
	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50651	1	1	1	1	0	0	0	0	1	1	1	
50652	1	1	1	1	0	0	0	0	1	1	1	
50653	1	1	1	1	0	0	0	0	1	1	1	
50654	1	1	1	1	0	0	0	0	1	1	1	
50655	1	1	1	1	0	0	0	0	1	1	1	
50656	1	1	1	1	0	0	0	0	1	1	1	
50657	1	1	1	1	0	0	0	0	1	1	1	
50658	1	1	1	1	0	0	0	0	1	1	1	
50659	1	1	1	1	0	0	0	0	1	1	1	
50660	1	1	1	1	0	0	0	0	1	1	1	
n	10	10	10	10	10	10	10	10	10	10	10	

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 28			Species : Rat					
	Sex : Female (satellite)	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
50551		1	1	1	1	0	0	0	0	1	1	1
50552		1	1	1	1	0	0	0	0	1	1	1
50553		1	1	1	1	0	0	0	0	1	1	1
50554		1	1	1	1	0	0	0	0	1	1	1
50555		1	1	1	1	0	0	0	0	1	1	1
50556		1	1	1	1	0	0	0	0	1	1	1
50557		1	1	1	1	0	0	0	0	1	1	1
50558		1	1	1	1	0	0	0	0	1	1	1
50559		1	1	1	1	0	0	0	0	1	1	1
50560		1	1	1	1	0	0	0	0	1	1	1
n		10	10	10	10	10	10	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Animal No.	Detailed clinical observation (in the open-field)			Stage : Day 28								Species : Rat	
	Sex : Female (satellite)	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50651		1	1	1	1	0	0	0	0	1	1	1	
50652		1	1	1	1	0	0	0	0	1	1	1	
50653		1	1	1	1	0	0	0	0	1	1	1	
50654		1	1	1	1	0	0	0	0	1	1	1	
50655		1	1	1	1	0	0	0	0	1	1	1	
50656		1	1	1	1	0	0	0	0	1	1	1	
50657		1	1	1	1	0	0	0	0	1	1	1	
50658		1	1	1	1	0	0	0	0	1	1	1	
50659		1	1	1	1	0	0	0	0	1	1	1	
50660		1	1	1	1	0	0	0	0	1	1	1	
n		10	10	10	10	10	10	10	10	10	10	10	

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.

Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.

Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).

Searching) 0;Not present, 1;Present (sniffing, standing, etc.).

Urination) 0;Not present, 1;Present.

Defecation) 0;Not present, 1;Present.

Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.

Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.

Bizarre behavior/Walking backward) 1;Not present, 2;Present.

Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.

Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open-field)			Stage : Recovery Day 7 Dose : 2,6-Naphthalic Acid 0 mg/kg								Species : Rat	
Sex : Male	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
Animal No.												
10106	1	1	1	1	0	0	0	0	1	1	1	
10107	1	1	1	1	0	0	0	0	1	1	1	
10110	1	1	1	1	0	0	0	0	1	1	1	
10111	1	1	1	1	0	0	0	0	1	1	1	
10112	1	1	1	1	1	0	0	0	1	1	1	
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.

Detailed clinical observation (in the open-field)				Stage : Recovery Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Species : Rat			
Sex : Male		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
Animal No.												
10401		1	1	1	1	0	0	0	0	1	1	1
10404		1	1	1	1	1	0	0	0	1	1	1
10406		1	1	1	1	0	0	0	0	1	1	1
10411		1	1	1	1	0	0	0	0	1	1	1
10412		1	1	1	1	0	0	0	0	1	1	1
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.

Detailed clinical observation (in the open-field)			Stage : Recovery Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat		
Sex : Male	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression
Animal No.											
10106	1	1	1	1	0	0	0	0	1	1	1
10107	1	1	1	1	0	0	0	0	1	1	1
10110	1	1	1	1	0	0	0	0	1	1	1
10111	1	1	1	1	0	0	0	0	1	1	1
10112	1	1	1	1	1	0	0	0	1	1	1
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.

Detailed clinical observation (in the open-field)			Stage : Recovery Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat	
Sex : Male	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
Animal No.												
10401	1	1	1	1	0	0	0	0	1	1	1	
10404	1	1	1	1	0	0	0	0	1	1	1	
10406	1	1	1	1	0	0	0	0	1	1	1	
10411	1	1	1	1	0	0	0	0	1	1	1	
10412	1	1	1	1	0	0	0	0	1	1	1	
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.

Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Recovery Day 7 Dose : 2,6-Naphthalic Acid 0 mg/kg								Species : Rat	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50556	1	1	1	1	0	0	0	0	1	1	1	
50557	1	1	1	1	0	0	0	0	1	1	1	
50558	1	1	1	1	0	0	0	0	1	1	1	
50559	1	1	1	1	0	0	0	0	1	1	1	
50560	1	1	1	1	0	0	0	0	1	1	1	
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.

Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Recovery Day 7 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50656	1	1	1	1	0	0	0	0	1	1	1	
50657	1	1	1	1	0	0	0	0	1	1	1	
50658	1	1	1	1	0	0	0	0	1	1	1	
50659	1	1	1	1	0	0	0	0	1	1	1	
50660	1	1	1	1	0	0	0	0	1	1	1	
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.

Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Recovery Day 14 Dose : 2,6-Naphthalic Acid 0 mg/kg								Species : Rat	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50556	1	1	1	1	0	0	0	0	1	1	1	
50557	1	1	1	1	0	0	0	0	1	1	1	
50558	1	1	1	1	0	0	0	0	1	1	1	
50559	1	1	1	1	1	0	0	0	1	1	1	
50560	1	1	1	1	0	0	0	0	1	1	1	
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.

Detailed clinical observation (in the open-field) Sex : Female (satellite)			Stage : Recovery Day 14 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat	
Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement	Walking backward	Vocalization	Aggression	
50656	1	1	1	1	0	0	0	0	1	1	1	
50657	1	1	1	1	0	0	0	0	1	1	1	
50658	1	1	1	1	0	0	0	0	1	1	1	
50659	1	1	1	1	0	0	0	0	1	1	1	
50660	1	1	1	1	0	0	0	0	1	1	1	
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.

Functional observations (on the desk)		Stage : Week 4 Dose : 2,6-Naphthalic Acid 0 mg/kg					Species : Rat
Sex : Male		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
10106		4	2	1	2	1	1
10107		4	2	1	2	1	1
10110		4	2	1	2	1	1
10111		4	2	1	2	1	1
10112		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 Dose : 2,6-Naphthalic Acid 100 mg/kg				Species : Rat	
Sex : Male		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
10201		4	2	1	2	1	1
10202		4	2	1	2	1	1
10203		4	2	1	2	1	1
10210		4	2	1	2	1	1
10211		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 Dose : 2,6-Naphthalic Acid 300 mg/kg				Species : Rat	
Sex : Male		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
10302		4	2	1	2	1	1
10305		4	2	1	2	1	1
10306		4	2	1	2	1	1
10309		4	2	1	2	1	1
10311		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 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Species : Rat
Sex : Male		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
10401		4	2	1	2	1	1
10404		4	2	1	2	1	1
10406		4	2	1	2	1	1
10411		4	2	1	2	1	1
10412		4	2	1	2	1	1
n		5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.

Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.

Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.

Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.

Proprioceptive reactivity) 0;No returning, 1;Returning.

Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk)		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 0 mg/kg					Species : Rat
Animal No.	Sex : Female	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50153		4	2	1	2	1	1
50154		4	2	1	2	1	1
50155		4	2	1	2	1	1
50156		4	2	1	2	1	1
50158		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 4 Dose : 2,6-Naphthalic Acid 100 mg/kg					Species : Rat
Sex : Female		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
50251		4	2	1	2	1	1
50252		4	2	1	2	1	1
50256		4	2	1	2	1	1
50257		4	2	1	2	1	1
50260		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 4 Dose : 2,6-Naphthalic Acid 300 mg/kg					Species : Rat
Sex : Female		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
50351		4	2	1	2	1	1
50353		4	2	1	2	1	1
50357		4	2	1	2	1	1
50361		4	2	1	2	1	1
50362		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 4 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Species : Rat
Sex : Female		Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
Animal No.							
50451		4	2	1	2	1	1
50452		4	2	1	2	1	1
50454		4	2	1	2	1	1
50455		4	2	1	2	1	1
50457		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			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 0 mg/kg			
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			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 1000 mg/kg			
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					Species : Rat
Sex : Male				Pain reactivity	Proprioceptive reactivity	Righting reflex	
Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity				
10106	4	2	1	2	1	1	
10107	4	2	1	2	1	1	
10110	4	2	1	2	1	1	
10111	4	2	1	2	1	1	
10112	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			Species : Rat
Sex : Male	Dose : 2,6-Naphthalic Acid 1000 mg/kg					
Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10401	4	2	1	2	1	1
10404	4	2	1	2	1	1
10406	4	2	1	2	1	1
10411	4	2	1	2	1	1
10412	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.

Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.

Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.

Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.

Proprioceptive reactivity) 0;No returning, 1;Returning.

Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk)			Stage : Recovery Week 2			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 0 mg/kg			
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 : Recovery Week 2			Species : Rat
Sex : Female (satellite)			Dose : 2,6-Naphthalic Acid 1000 mg/kg			
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.

Animal No.	Grip strength		Stage : Week 4				Species : Rat	
	Sex : Male		Dose : 2,6-Naphthalic Acid 0 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
10106	1184	1388	1245	1272.3	473	447	478	466.0
10107	1257	1407	1633	1432.3	632	606	623	620.3
10110	1532	1491	1498	1507.0	515	699	637	617.0
10111	1303	1292	1194	1263.0	699	692	614	668.3
10112	1633	1676	1603	1637.3	507	679	648	611.3
n	5	5	5	5	5	5	5	5
Mean	1381.8	1450.8	1434.6	1422.38	565.2	624.6	600.0	596.58
S.D.	191.4	144.4	203.5	159.20	95.9	106.0	69.4	76.47

Animal No.	Grip strength		Stage : Week 4				Species : Rat	
	Sex : Male		Dose : 2,6-Naphthalic Acid 100 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
10201	g	g	g	g	g	g	g	g
10201	1242	1192	1533	1322.3	535	620	552	569.0
10202	1256	1415	1314	1328.3	637	483	638	586.0
10203	1672	1621	1595	1629.3	712	772	714	732.7
10210	1212	1230	1382	1274.7	600	677	655	644.0
10211	1261	1418	1374	1351.0	592	605	693	630.0
n	5	5	5	5	5	5	5	5
Mean	1328.6	1375.2	1439.6	1381.12	615.2	631.4	650.4	632.34
S.D.	192.9	172.1	118.6	141.49	65.3	105.7	62.7	63.98

Animal No.	Grip strength		Stage : Week 4				Species : Rat	
	Sex : Male		Dose : 2,6-Naphthalic Acid 300 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
10302	g	g	g	g	g	g	g	g
10302	1321	1448	1449	1406.0	503	545	507	518.3
10305	1345	1564	1584	1497.7	577	601	606	594.7
10306	1462	1599	1373	1478.0	659	718	551	642.7
10309	1570	1551	1610	1577.0	615	631	719	655.0
10311	1466	1504	1456	1475.3	623	553	676	617.3
n	5	5	5	5	5	5	5	5
Mean	1432.8	1533.2	1494.4	1486.80	595.4	609.6	611.8	605.60
S.D.	101.2	58.5	99.6	61.22	59.3	70.1	87.1	54.07

Animal No.	Grip strength		Stage : Week 4				Species : Rat	
	Sex : Male		Dose : 2,6-Naphthalic Acid 1000 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
10401	g	g	g	g	g	g	g	g
10401	1278	1386	1509	1391.0	644	661	531	612.0
10404	1475	1492	1308	1425.0	437	512	489	479.3
10406	1408	1473	1453	1444.7	664	613	613	630.0
10411	1335	1310	1392	1345.7	569	566	613	582.7
10412	1536	1451	1348	1445.0	625	537	618	593.3
n	5	5	5	5	5	5	5	5
Mean	1406.4	1422.4	1402.0	1410.28	587.8	577.8	572.8	579.46
S.D.	103.8	74.5	80.5	42.28	91.4	59.8	59.3	58.84

Animal No.	Grip strength		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat
	Sex : Female		Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd
	g	g	g	g	g	g	g	g	g
50153		1391	1214	1382	1329.0	440	655	589	561.3
50154		1111	1108	1189	1136.0	557	488	526	523.7
50155		1238	1323	1459	1340.0	429	592	516	512.3
50156		1474	1280	1335	1363.0	582	596	575	584.3
50158		1081	1304	1129	1171.3	389	386	598	457.7
n		5	5	5	5	5	5	5	5
Mean		1259.0	1245.8	1298.8	1267.86	479.4	543.4	560.8	527.86
S.D.		171.5	87.3	136.7	105.72	84.9	106.6	37.4	48.70

Grip strength Sex : Female		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 100 mg/kg						Species : Rat	
		Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	Hindlimb
Animal No.		g	g	g	g	g	g	g	g
50251		1325	1341	1438	1368.0	619	597	486	567.3
50252		1313	1245	1068	1208.7	456	465	503	474.7
50256		1316	1157	1157	1210.0	584	516	538	546.0
50257		1682	1687	1633	1667.3	649	637	542	609.3
50260		1210	1149	1387	1248.7	373	477	434	428.0
n		5	5	5	5	5	5	5	5
Mean		1369.2	1315.8	1336.6	1340.54	536.2	538.4	500.6	525.06
S.D.		181.1	221.6	226.4	193.90	117.2	75.5	44.1	72.93

Animal No.	Grip strength								Species : Rat
	Sex : Female		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 300 mg/kg						
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	Hindlimb	
50351	1408	1289	1178	1291.7	432	477	508	472.3	
50353	1161	1216	1156	1177.7	482	397	465	448.0	
50357	1130	1108	1071	1103.0	520	573	582	558.3	
50361	1289	1155	1171	1205.0	418	404	469	430.3	
50362	1320	1435	1400	1385.0	428	594	547	523.0	
n	5	5	5	5	5	5	5	5	
Mean	1261.6	1240.6	1195.2	1232.48	456.0	489.0	514.2	486.38	
S.D.	115.1	128.1	122.3	108.73	43.5	92.1	50.4	53.22	

Animal No.	Grip strength		Stage : Lactation Day 4				Species : Rat	
	Sex : Female		Dose : 2,6-Naphthalic Acid 1000 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
50451	1105	1083	1124	1104.0	644	567	683	631.3
50452	1134	1208	1391	1244.3	487	608	640	578.3
50454	1398	1356	1374	1376.0	692	576	579	615.7
50455	1477	1525	1395	1465.7	575	505	601	560.3
50457	1419	1289	1267	1325.0	447	431	528	468.7
n	5	5	5	5	5	5	5	5
Mean	1306.6	1292.2	1310.2	1303.00	569.0	537.4	606.2	570.86
S.D.	173.5	165.2	116.5	137.23	103.0	70.2	59.0	63.77

Animal No.	Grip strength		Stage : Week 4				Species : Rat	
	Sex : Female (satellite)		Dose : 2,6-Naphthalic Acid 0 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb					
50556	1071	1259	1030	1120.0	428	438	452	439.3
50557	1268	1018	1153	1146.3	472	518	429	473.0
50558	1220	1234	1170	1208.0	423	438	546	469.0
50559	1073	1287	1316	1225.3	507	463	446	472.0
50560	1222	1250	1167	1213.0	463	404	463	443.3
n	5	5	5	5	5	5	5	5
Mean	1170.8	1209.6	1167.2	1182.52	458.6	452.2	467.2	459.32
S.D.	92.2	108.8	101.5	46.45	34.4	42.3	45.7	16.58

Animal No.	Grip strength		Stage : Week 4				Species : Rat	
	Sex : Female (satellite)		Dose : 2,6-Naphthalic Acid 1000 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
50656	1236	1297	1284	1272.3	424	515	499	479.3
50657	1175	1166	1284	1208.3	414	377	417	402.7
50658	1200	1078	1050	1109.3	507	441	446	464.7
50659	1087	1296	1103	1162.0	492	476	461	476.3
50660	1067	1227	1260	1184.7	470	477	520	489.0
n	5	5	5	5	5	5	5	5
Mean	1153.0	1212.8	1196.2	1187.32	461.4	457.2	468.6	462.40
S.D.	73.0	93.0	111.3	59.99	41.0	51.9	41.2	34.48

Animal No.	Grip strength		Stage : Recovery Week 2				Species : Rat	
	Sex : Male		Dose : 2,6-Naphthalic Acid 0 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
10106	g	g	g	g	g	g	g	g
10106	1903	1686	1814	1801.0	713	681	618	670.7
10107	1841	1919	1843	1867.7	813	784	755	784.0
10110	1621	1303	1316	1413.3	686	717	747	716.7
10111	1442	1387	1289	1372.7	621	789	869	759.7
10112	1885	1617	1436	1646.0	682	750	815	749.0
n	5	5	5	5	5	5	5	5
Mean	1738.4	1582.4	1539.6	1620.14	703.0	744.2	760.8	736.02
S.D.	200.5	245.7	269.7	222.86	70.1	45.7	93.9	43.79

Animal No.	Grip strength		Stage : Recovery Week 2				Species : Rat	
	Sex : Male		Dose : 2,6-Naphthalic Acid 1000 mg/kg	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb				
10401	1498	1448	1379	1441.7	712	667	657	678.7
10404	1861	1658	1515	1678.0	853	707	724	761.3
10406	1648	1615	1328	1530.3	776	810	803	796.3
10411	1550	1474	1717	1580.3	795	747	625	722.3
10412	1456	1513	1479	1482.7	554	721	613	629.3
n	5	5	5	5	5	5	5	5
Mean	1602.6	1541.6	1483.6	1542.60	738.0	730.4	684.4	717.58
S.D.	161.3	90.9	150.5	91.75	114.5	53.1	79.1	66.02

Animal No.	Grip strength		Stage : Recovery Week 2				Species : Rat	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	Hindlimb
50556	1145	1176	1021	1114.0	602	612	539	584.3
50557	1474	1517	1445	1478.7	649	578	708	645.0
50558	1228	1157	1216	1200.3	578	499	602	559.7
50559	1562	1393	1259	1404.7	510	530	442	494.0
50560	1211	1269	1344	1274.7	492	568	602	554.0
n	5	5	5	5	5	5	5	5
Mean	1324.0	1302.4	1257.0	1294.48	566.2	557.4	578.6	567.40
S.D.	182.5	152.1	158.3	148.26	65.1	43.8	97.6	54.62

Animal No.	Grip strength		Stage : Recovery Week 2				Species : Rat	
	Forelimb, 1st	Forelimb, 2nd	Forelimb, 3rd	Forelimb	Hindlimb, 1st	Hindlimb, 2nd	Hindlimb, 3rd	
50656	1449	1352	1305	1368.7	481	613	594	562.7
50657	1250	1343	1181	1258.0	470	478	471	473.0
50658	1372	1247	1112	1243.7	522	464	521	502.3
50659	1141	1191	1247	1193.0	557	582	520	553.0
50660	1297	1174	1180	1217.0	607	623	536	588.7
n	5	5	5	5	5	5	5	5
Mean	1301.8	1261.4	1205.0	1256.08	527.4	552.0	528.4	535.94
S.D.	117.4	83.2	73.5	67.72	56.3	75.6	44.1	47.13

Motor activity measurements								Species : Rat	
Sex : Male		Stage : Week 4							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'		
Animal No.	No.	No.	No.	No.	No.	No.	No.		
10106	396	152	144	77	139	32	940		
10107	742	336	198	209	190	243	1918		
10110	700	583	164	83	141	0	1671		
10111	388	398	301	528	269	109	1993		
10112	631	490	291	257	101	179	1949		
n	5	5	5	5	5	5	5		
Mean	571.4	391.8	219.6	230.8	168.0	112.6	1694.2		
S.D.	168.5	163.4	72.5	183.7	64.7	100.7	439.8		

Motor activity measurements		Stage : Week 4						Species : Rat	
Sex : Male		Dose : 2,6-Naphthalic Acid 100 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
10201	625	561	528	394	269	250	2627		
10202	381	286	155	78	6	138	1044		
10203	826	849	775	375	496	321	3642		
10210	292	335	403	286	300	244	1860		
10211	814	565	393	495	225	81	2573		
n	5	5	5	5	5	5	5		
Mean	587.6	519.2	450.8	325.6	259.2	206.8	2349.2		
S.D.	244.7	224.1	225.9	157.1	175.4	96.0	967.1		

Motor activity measurements		Stage : Week 4 Dose : 2,6-Naphthalic Acid 300 mg/kg						Species : Rat
Sex : Male		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.	
10302	627	648	322	210	90	34	1931	
10305	641	434	400	311	224	115	2125	
10306	688	517	639	683	501	290	3318	
10309	299	268	208	48	54	0	877	
10311	621	548	339	277	331	74	2190	
n	5	5	5	5	5	5	5	
Mean	575.2	483.0	381.6	305.8	240.0	102.6	2088.2	
S.D.	156.6	142.5	159.8	233.9	182.9	113.3	868.3	

Motor activity measurements		Stage : Week 4						Species : Rat	
Sex : Male		Dose : 2,6-Naphthalic Acid 1000 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
10401	538	422	476	283	366	558	2643		
10404	821	452	343	632	493	442	3183		
10406	250	458	365	290	227	72	1662		
10411	832	737	662	514	460	457	3662		
10412	644	502	506	332	313	243	2540		
n	5	5	5	5	5	5	5		
Mean	617.0	514.2	470.4	410.2	371.8	354.4	2738.0		
S.D.	239.5	127.8	127.8	155.5	108.3	194.8	751.3		

Motor activity measurements		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat
Sex : Female		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.	
50153	125	124	214	20	0	12	495	
50154	329	6	0	34	0	0	369	
50155	388	252	229	198	181	163	1411	
50156	861	255	51	281	284	158	1890	
50158	752	599	599	308	534	393	3185	
n	5	5	5	5	5	5	5	
Mean	491.0	247.2	218.6	168.2	199.8	145.2	1470.0	
S.D.	306.5	222.0	234.9	135.2	223.0	158.7	1149.3	

Motor activity measurements		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 100 mg/kg						Species : Rat
Sex : Female		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.
50251	418	8	8	263	190	26	913	
50252	601	362	294	619	509	455	2840	
50256	413	109	0	28	10	358	918	
50257	105	3	41	27	5	0	181	
50260	1340	819	414	649	331	535	4088	
n	5	5	5	5	5	5	5	
Mean	575.4	260.2	151.4	317.2	209.0	274.8	1788.0	
S.D.	463.1	344.7	190.4	304.9	215.9	247.2	1620.3	

Motor activity measurements		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 300 mg/kg						Species : Rat
Sex : Female		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.
50351	312	0	35	104	2	73	526	
50353	451	279	3	142	151	212	1238	
50357	520	86	333	213	259	127	1538	
50361	655	43	306	294	364	415	2077	
50362	765	215	79	424	610	5	2098	
n	5	5	5	5	5	5	5	
Mean	540.6	124.6	151.2	235.4	277.2	166.4	1495.4	
S.D.	176.2	118.0	156.3	128.0	229.3	158.3	653.7	

Motor activity measurements		Stage : Lactation Day 4 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat
Sex : Female		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.	
50451	660	105	102	131	265	78	1341	
50452	1119	333	182	135	77	154	2000	
50454	419	870	431	356	187	0	2263	
50455	847	463	303	103	182	167	2065	
50457	1031	373	111	354	601	932	3402	
n	5	5	5	5	5	5	5	
Mean	815.2	428.8	225.8	215.8	262.4	266.2	2214.2	
S.D.	283.3	279.7	140.1	127.7	200.7	378.2	749.0	

Motor activity measurements		Stage : Week 4						Species : Rat	
Sex : Female (satellite)		Dose : 2,6-Naphthalic Acid 0 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
50556	352	228	223	129	198	116	1246		
50557	1501	882	783	249	0	0	3415		
50558	506	223	153	83	109	4	1078		
50559	502	499	572	486	414	329	2802		
50560	690	435	215	188	94	96	1718		
n	5	5	5	5	5	5	5		
Mean	710.2	453.4	389.2	227.0	163.0	109.0	2051.8		
S.D.	458.0	269.3	274.9	157.7	156.9	133.7	1016.1		

Motor activity measurements		Stage : Week 4						Species : Rat	
Sex : Female (satellite)		Dose : 2,6-Naphthalic Acid 1000 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
50656	1028	965	760	578	269	192	3792		
50657	311	206	6	28	16	0	567		
50658	489	388	220	168	13	0	1278		
50659	1123	1129	1108	835	1159	872	6226		
50660	240	195	137	203	41	53	869		
n	5	5	5	5	5	5	5		
Mean	638.2	576.6	446.2	362.4	299.6	223.4	2546.4		
S.D.	410.7	440.0	468.2	333.5	492.2	371.0	2420.3		

Motor activity measurements		Stage : Recovery Week 2						Species : Rat	
Sex : Male		Dose : 2,6-Naphthalic Acid 0 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
10106	209	128	94	35	48	74	588		
10107	616	564	364	320	55	208	2127		
10110	446	404	138	53	131	74	1246		
10111	454	286	130	107	67	51	1095		
10112	904	739	458	505	243	205	3054		
n	5	5	5	5	5	5	5		
Mean	525.8	424.2	236.8	204.0	108.8	122.4	1622.0		
S.D.	256.4	237.6	163.3	203.0	81.9	77.4	973.9		

Motor activity measurements		Stage : Recovery Week 2						Species : Rat	
Sex : Male		Dose : 2,6-Naphthalic Acid 1000 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
10401	693	728	567	547	366	408	3309		
10404	776	669	475	475	563	372	3330		
10406	317	169	249	150	196	47	1128		
10411	494	329	295	309	291	114	1832		
10412	413	505	272	241	155	125	1711		
n	5	5	5	5	5	5	5		
Mean	538.6	480.0	371.6	344.4	314.2	213.2	2262.0		
S.D.	191.7	233.1	141.1	164.2	161.6	164.6	1001.4		

Motor activity measurements								Species : Rat
Sex : Female (satellite)		Stage : Recovery Week 2						
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.	
50556	623	496	405	394	234	270	2422	
50557	1061	613	432	401	389	576	3472	
50558	673	324	200	145	6	175	1523	
50559	643	471	392	308	330	289	2433	
50560	792	475	587	380	332	204	2770	
n	5	5	5	5	5	5	5	
Mean	758.4	475.8	403.2	325.6	258.2	302.8	2524.0	
S.D.	181.4	102.8	137.9	107.5	151.6	159.7	703.5	

Motor activity measurements		Stage : Recovery Week 2						Species : Rat	
Sex : Female (satellite)		Dose : 2,6-Naphthalic Acid 1000 mg/kg							
		0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'	
Animal No.	No.	No.	No.	No.	No.	No.	No.	No.	
50656	735	596	351	280	259	209	2430		
50657	680	397	232	202	0	40	1551		
50658	972	662	565	590	459	379	3627		
50659	574	461	613	350	540	221	2759		
50660	948	778	590	387	250	76	3029		
n	5	5	5	5	5	5	5		
Mean	781.8	578.8	470.2	361.8	301.6	185.0	2679.2		
S.D.	172.9	153.2	169.3	145.8	210.4	134.5	768.4		

Animal No.	Body weight Sex : Male /Day		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 0 mg/kg					Unit : g	Species : Rat
	1	4	7	14	21	28	Body weight gain		
10101	407	422	437	464	482	509	102		
10102	415	439	449	473	501	525	110		
10103	451	476	490	515	546	573	122		
10104	480	500	520	558	578	613	133		
10105	426	450	463	489	509	532	106		
10106	439	459	468	503	527	537	98		
10107	419	442	456	491	513	519	100		
10108	430	448	458	481	497	521	91		
10109	479	507	524	583	629	679	200		
10110	422	446	460	492	524	528	106		
10111	454	477	490	520	537	556	102		
10112	438	461	465	494	519	543	105		
n	12	12	12	12	12	12	12		
Mean	438.3	460.6	473.3	505.3	530.2	552.9	114.6		
S.D.	23.7	25.2	27.2	34.7	39.9	48.8	29.1		

Animal No.	Body weight Sex : Male /Day		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 100 mg/kg					Unit : g	Species : Rat
	1	4	7	14	21	28	Body weight gain		
10201	452	466	474	500	521	529	77		
10202	442	458	474	506	518	533	91		
10203	458	477	491	519	536	549	91		
10204	412	425	436	465	494	521	109		
10205	474	495	511	542	561	590	116		
10206	468	490	506	545	570	594	126		
10207	422	439	453	480	499	529	107		
10208	417	427	438	471	485	510	93		
10209	409	415	422	442	471	496	87		
10210	427	444	465	492	512	535	108		
10211	428	447	459	495	516	535	107		
10212	456	468	478	505	539	566	110		
n	12	12	12	12	12	12	12		
Mean	438.8	454.3	467.3	496.8	518.5	540.6	101.8		
S.D.	22.5	25.8	27.5	30.2	29.5	29.7	14.0		

Animal No.	Body weight Sex : Male /Day		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 300 mg/kg					Unit : g	Species : Rat
	1	4	7	14	21	28	Body weight gain		
10301	449	473	485	519	551	579	130		
10302	431	444	461	491	521	541	110		
10303	421	436	449	463	490	516	95		
10304	463	486	513	549	583	617	154		
10305	438	453	470	501	529	549	111		
10306	451	475	487	520	538	549	98		
10307	461	478	497	521	543	559	98		
10308	410	422	434	457	467	484	74		
10309	440	455	469	503	529	540	100		
10310	416	424	441	446	469	483	67		
10311	417	432	442	471	493	516	99		
10312	481	496	510	539	575	601	120		
n	12	12	12	12	12	12	12		
Mean	439.8	456.2	471.5	498.3	524.0	544.5	104.7		
S.D.	22.0	25.1	27.2	33.2	37.9	41.5	23.3		

Animal No.	Body weight Sex : Male /Day		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Unit : g	Species : Rat
	1	4	7	14	21	28	Body weight gain		
10401	445	444	465	496	516	542	97		
10402	424	439	449	458	496	519	95		
10403	414	431	447	475	501	528	114		
10404	426	442	461	493	522	536	110		
10405	411	426	443	471	498	519	108		
10406	464	485	503	520	541	553	89		
10407	400	414	421	445	468	488	88		
10408	470	485	509	551	581	616	146		
10409	444	459	467	485	500	522	78		
10410	452	480	488	526	551	585	133		
10411	445	458	472	496	519	536	91		
10412	431	450	468	492	520	534	103		
n	12	12	12	12	12	12	12		
Mean	435.5	451.1	466.1	492.3	517.8	539.8	104.3		
S.D.	21.5	23.2	25.2	29.5	29.6	33.2	19.6		

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	1	4	7	14			
50151	249	251	266	274	25		
50152	229	248	248	257	28		
50153	251	258	259	278	27		
50154	253	274	280	289	36		
50155	260	252	269	284	24		
50156	256	269	277	286	30		
50157	271	291	295	310	39		
50158	243	240	252	264	21		
50159	208	221	229	236	28		
50160	237	243	236	243	6		
50161	210	223	229	233	23		
50162	236	236	240	249	13		
n	12	12	12	12	12		
Mean	241.9	250.5	256.7	266.9	25.0		
S.D.	19.1	20.5	21.3	23.9	9.0		

Body weights of Animal No. 50152 on days 21, 28, 35, 42 and 49 are 304, 331, 334, 314 and 315 g, respectively

Animal No.	Body weight Sex : Female		Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 0 mg/kg			Unit : g	Species : Rat	
	/Day		0	7	14	20	Body weight gain	
50151		297	333	374	466	169		
50153		286	330	375	485	199		
50154		304	338	380	470	166		
50155		290	315	379	461	171		
50156		293	340	382	480	187		
50157		315	358	416	514	199		
50158		273	314	360	453	180		
50159		242	276	315	410	168		
50160		260	287	321	419	159		
50161		239	288	331	397	158		
50162		263	304	346	431	168		
n		11	11	11	11	11		
Mean		278.4	316.6	361.7	453.3	174.9		
S.D.		25.0	25.8	30.6	35.5	14.5		

Animal No.	Body weight Sex : Female		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	/Day	0	4	Body weight gain	
50151		371	390	19	
50153		365	399	34	
50154		338	358	20	
50155		368	390	22	
50156		359	395	36	
50157		380	404	24	
50158		324	353	29	
50159		290	325	35	
50160		281	315	34	
50161		306	317	11	
50162		318	367	49	
n		11	11	11	
Mean		336.4	364.8	28.5	
S.D.		34.7	33.8	10.5	

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
	1	4	7	14			
50251	267	276	280	305	38		
50252	241	252	257	271	30		
50253	237	254	264	269	32		
50254	257	267	274	286	29		
50255	253	256	270	282	29		
50256	229	231	244	255	26		
50257	294	285	304	326	32		
50258	222	241	245	262	40		
50259	232	240	247	256	24		
50260	231	239	237	250	19		
50261	254	277	281	300	46		
50262	228	241	249	253	25		
n	12	12	12	12	12		
Mean	245.4	254.9	262.7	276.3	30.8		
S.D.	20.7	17.7	19.8	24.1	7.5		

Animal No.	Body weight Sex : Female		Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 100 mg/kg			Unit : g	Species : Rat
	/Day	0	7	14	20	Body weight gain	
50251		302	345	389	490	188	
50252		270	304	347	431	161	
50253		280	317	359	436	156	
50254		294	324	356	451	157	
50255		285	327	371	453	168	
50256		250	295	333	423	173	
50257		329	374	409	504	175	
50258		262	308	340	392	130	
50259		275	308	347	422	147	
50260		253	296	337	429	176	
50261		292	332	357	414	122	
50262		269	319	357	435	166	
n		12	12	12	12	12	
Mean		280.1	320.8	358.5	440.0	159.9	
S.D.		22.3	22.4	22.1	31.2	19.2	

Animal No.	Body weight Sex : Female		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
	/Day	0	4		
			Body weight gain		
50251		376	410	34	
50252		326	351	25	
50253		352	366	14	
50254		327	342	15	
50255		369	395	26	
50256		324	342	18	
50257		392	419	27	
50258		326	326	0	
50259		326	353	27	
50260		300	323	23	
50261		327	342	15	
50262		348	381	33	
n		12	12	12	
Mean		341.1	362.5	21.4	
S.D.		26.7	32.0	9.5	

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
	1	4	7	14			
50351	256	263	263	288	32		
50352	253	263	267	275	22		
50353	251	249	260	269	18		
50354	241	254	268	262	21		
50355	247	258	258	260	13		
50356	228	234	258	237	9		
50357	239	241	235	263	24		
50358	229	233	252	243	14		
50359	267	263	279	292	25		
50360	234	234	230	243	9		
50361	223	227	235	243	20		
50362	268	274	269	291	23		
n	12	12	12	12	12		
Mean	244.7	249.4	256.2	263.8	19.2		
S.D.	14.9	15.3	15.4	19.8	6.9		

Body weights of Animal No. 50358 on days 21, 28, 35, 42 and 49 are 264, 269, 274, 277 and 282 g, respectively

Animal No.	Body weight Sex : Female		Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 300 mg/kg			Unit : g	Species : Rat	
	/Day		0	7	14	20	Body weight gain	
50351		285	331	370	464	179		
50352		298	338	365	449	151		
50353		271	310	345	446	175		
50354		277	323	368	461	184		
50355		275	310	342	424	149		
50356		256	287	316	391	135		
50357		266	304	348	438	172		
50359		302	356	412	494	192		
50360		245	278	312	401	156		
50361		241	280	317	411	170		
50362		293	333	375	469	176		
n		11	11	11	11	11		
Mean		273.5	313.6	351.8	440.7	167.2		
S.D.		20.4	25.3	30.3	31.5	17.2		

Animal No.	Body weight Sex : Female		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
	/Day	0	4		
			Body weight gain		
50351		341	362	21	
50352		323	373	50	
50353		332	376	44	
50354		334	358	24	
50355		298	327	29	
50356		303	323	20	
50357		337	341	4	
50359		385	401	16	
50360		287	307	20	
50361		300	324	24	
50362		354	374	20	
n		11	11	11	
Mean		326.7	351.5	24.7	
S.D.		28.7	29.0	12.7	

Animal No.	Body weight Sex : Female		Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Unit : g	Species : Rat	
	/Day		1	4	7	14	Body weight gain	
50451		231	246	253	257	26		
50452		253	270	271	287	34		
50453		243	246	245	250	7		
50454		265	260	271	282	17		
50455		248	256	262	267	19		
50456		265	269	281	286	21		
50457		229	235	234	237	8		
50458		230	240	253	261	31		
50459		232	239	239	246	14		
50460		214	228	237	245	31		
50461		215	227	231	237	22		
50462		263	273	277	286	23		
n		12	12	12	12	12		
Mean		240.7	249.1	254.5	261.8	21.1		
S.D.		18.3	16.3	17.6	19.5	8.7		

Animal No.	Body weight Sex : Female		Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Unit : g	Species : Rat
	/Day		0	7	14	20	
50451		271	314	347	433	162	
50452		284	324	361	406	122	
50453		271	316	355	447	176	
50454		283	327	376	452	169	
50455		281	314	347	408	127	
50456		293	332	373	403	110	
50457		239	287	314	383	144	
50458		266	307	341	425	159	
50459		253	284	321	410	157	
50460		248 \$	271 \$	270 \$	269 \$	21 \$	
50461		242	275	311	406	164	
50462		310	364	406	498	188	
n		11	11	11	11	11	
Mean		272.1	313.1	350.2	424.6	152.5	
S.D.		21.5	25.1	28.7	31.8	24.1	

\$: Excepted data from calculation

Animal No.	Body weight Sex : Female		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
	/Day	0	4	Body weight gain	
50451		321	333	12	
50452		354	379	25	
50453		322	355	33	
50454		349	379	30	
50455		364	364	0	
50456		371	350 \$	-21 \$	
50457		310	323	13	
50458		329	350	21	
50459		318	328	10	
50461		288	313	25	
50462		378	386	8	
n		11	10	10	
Mean		336.7	351.0	17.7	
S.D.		28.3	25.9	10.7	

\$: Excepted data from calculation

Animal No.	Body weight Sex : Female (satellite)		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 0 mg/kg					Unit : g	Species : Rat	
	/Day		1	4	7	14	21	28	Body weight gain	
50551		249	263	267	270	271	287	38		
50552		236	246	249	258	259	268	32		
50553		256	259	257	279	292	296	40		
50554		244	245	257	269	288	285	41		
50555		250	261	265	274	294	337	87		
50556		250	258	265	276	294	297	47		
50557		244	264	267	278	275	297	53		
50558		250	265	271	271	271	287	37		
50559		264	269	273	276	305	317	53		
50560		247	256	252	267	276	279	32		
n		10	10	10	10	10	10	10		
Mean		249.0	258.6	262.3	271.8	282.5	295.0	46.0		
S.D.		7.5	7.8	8.1	6.3	14.2	19.6	16.3		

Animal No.	Body weight Sex : Female (satellite)		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Unit : g	Species : Rat	
	/Day		1	4	7	14	21	28	Body weight gain	
50651		250	262	270	275	282	294	44		
50652		236	237	230	232	246	243	7		
50653		254	262	269	271	286	297	43		
50654		251	256	262	265	279	288	37		
50655		235	254	264	274	281	294	59		
50656		256	251	248	273	287	288	32		
50657		246	246	249	244	259	261	15		
50658		255	256	252	249	257	265	10		
50659		243	258	266	276	282	296	53		
50660		264	263	280	292	295	292	28		
n		10	10	10	10	10	10	10		
Mean		249.0	254.5	259.0	265.1	275.4	281.8	32.8		
S.D.		9.1	8.1	14.4	18.0	15.8	18.7	17.8		

Animal No.	Body weight /Day			Period : Recovery Day 1-14 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	1	7	14			
10106	541	563	579	38		
10107	518	546	555	37		
10110	527	558	581	54		
10111	556	590	625	69		
10112	545	576	608	63		
n	5	5	5	5		
Mean	537.4	566.6	589.6	52.2		
S.D.	15.0	16.9	27.3	14.4		

Animal No.	Body weight /Day			Period : Recovery Day 1-14 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
	1	7	14			
10401	540	572	587	47		
10404	537	570	596	59		
10406	547	570	584	37		
10411	535	558	569	34		
10412	534	573	598	64		
n	5	5	5	5		
Mean	538.6	568.6	586.8	48.2		
S.D.	5.2	6.1	11.6	13.2		

Animal No.	Body weight Sex : Female (satellite)			Period : Recovery Day 1-14 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	/Day	1	7			
50556		294	299	306	12	
50557		286	308	315	29	
50558		278	294	292	14	
50559		311	324	324	13	
50560		281	283	298	17	
n		5	5	5	5	
Mean		290.0	301.6	307.0	17.0	
S.D.		13.2	15.4	12.8	7.0	

Animal No.	Body weight Sex : Female (satellite)			Period : Recovery Day 1-14	Unit : g	Species : Rat
	/Day	1	7	14	Body weight gain	
50656		297	292	309	12	
50657		259	265	266	7	
50658		261	271	272	11	
50659		288	316	330	42	
50660		302	311	322	20	
n		5	5	5	5	
Mean		281.4	291.0	299.8	18.4	
S.D.		20.2	22.9	29.2	14.0	

Animal No.	Food consumption Sex : Male /Day				Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	4	7	14	28			
10101	27.9	29.4	29.7	29.3			
10102	30.5	29.3	29.3	...:			
10103	32.5	30.5	30.1	31.2			
10104	36.3	37.4	36.4	35.9			
10105	30.1	29.7	31.0	30.4			
10106	33.2	31.7	32.4	30.7			
10107	31.8	31.5	31.6	27.6			
10108	34.0	33.1	31.3	30.4			
10109	39.4	38.9	40.8	41.4			
10110	31.4	29.6	30.9	27.3			
10111	33.4	32.6	33.8	31.5			
10112	31.8	30.3	30.5	31.5			
n	12	12	12	11			
Mean	32.69	32.00	32.32	31.56			
S.D.	2.99	3.15	3.31	3.98			

...: During mating

Animal No.	Food consumption Sex : Male /Day				Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
	4	7	14	28			
10201	31.9	29.5	29.1	28.5			
10202	29.1	31.0	31.3	28.2			
10203	33.2	33.1	33.7	29.2			
10204	28.0	29.1	30.2	31.3			
10205	36.8	36.0	34.7	32.9			
10206	35.7	34.3	33.8	33.4			
10207	30.6	32.0	30.9	30.9			
10208	28.7	28.4	29.1	28.6			
10209	27.1	26.1	26.8	29.0			
10210	33.1	34.0	33.7	31.5			
10211	30.1	31.0	31.3	29.3			
10212	33.9	31.9	31.6	32.9			
n	12	12	12	12			
Mean	31.52	31.37	31.35	30.48			
S.D.	3.09	2.80	2.35	1.91			

Animal No.	Food consumption Sex : Male /Day				Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
	4	7	14	28			
10301	34.1	33.7	33.1	32.4			
10302	31.1	31.6	32.6	31.3			
10303	27.7	28.5	28.5	30.4			
10304	37.1	38.0	37.3	36.7			
10305	31.0	30.9	31.1	31.3			
10306	34.7	33.2	32.2	29.8			
10307	33.1	33.2	31.9	29.6			
10308	28.3	29.0	27.8	...:			
10309	32.7	33.5	33.9	32.0			
10310	27.7	28.9	27.5	27.4			
10311	29.3	28.6	29.5	29.0			
10312	33.6	33.2	33.3	33.9			
n	12	12	12	11			
Mean	31.70	31.86	31.56	31.25			
S.D.	3.03	2.84	2.86	2.53			

...: During mating

Animal No.	Food consumption Sex : Male /Day				Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
	4	7	14	28			
10401	25.8	31.0	31.0	31.1			
10402	30.2	29.8	27.2	32.6			
10403	29.6	29.0	30.5	31.1			
10404	31.3	32.9	32.6	31.2			
10405	30.3	29.4	28.2	30.3			
10406	32.9	32.5	29.7	27.4			
10407	26.9	26.4	26.5	26.7			
10408	34.8	37.9	38.2	36.2			
10409	32.9	31.0	31.2	30.6			
10410	35.6	34.0	35.1	37.0			
10411	32.6	31.3	31.4	30.3			
10412	31.8	33.8	32.5	31.0			
n	12	12	12	12			
Mean	31.23	31.58	31.18	31.29			
S.D.	2.90	2.95	3.27	2.97			

Animal No.	Food consumption Sex : Female /Day			Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	4	7	14			
50151	18.7	22.7	21.7			
50152	19.6	20.2	21.8			
50153	20.3	20.6	22.0			
50154	23.0	21.3	21.9			
50155	17.6	20.5	20.1			
50156	22.6	20.9	22.0			
50157	24.7	20.5	22.1			
50158	20.9	22.9	22.8			
50159	18.7	16.9	18.1			
50160	18.4	16.4	19.2			
50161	18.9	17.1	17.1			
50162	17.2	20.1	18.7			
n	12	12	12			
Mean	20.05	20.01	20.63			
S.D.	2.33	2.13	1.90			

Food consumption of Animal No. 50152 on days 35, 42 and 49 is 20.4, 20.5 and 22.7 g, respectively

Animal No.	Food consumption Sex : Female /Day			Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
	7	14	20			
50151	27.9	28.8	29.5			
50153	27.2	29.8	31.9			
50154	27.4	29.5	28.8			
50155	26.7	29.5	29.1			
50156	28.6	32.9	30.8			
50157	31.1	34.4	31.4			
50158	27.7	30.1	31.2			
50159	25.2	28.4	28.6			
50160	22.5	25.5	27.5			
50161	24.2	28.3	27.0			
50162	24.2	27.5	27.4			
n	11	11	11			
Mean	26.61	29.52	29.38			
S.D.	2.42	2.43	1.73			

Food consumption Sex : Female /Day		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
Animal No.	4			
50151	40.1			
50153	50.3			
50154	34.7			
50155	39.8			
50156	38.1			
50157	40.5			
50158	42.2			
50159	36.3			
50160	38.9			
50161	32.9			
50162	43.8			
n	11			
Mean	39.78			
S.D.	4.71			

Animal No.	Food consumption Sex : Female /Day			Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
	4	7	14			
50251	20.5	21.9	23.9			
50252	20.9	20.0	21.8			
50253	22.9	23.1	22.6			
50254	22.3	20.3	21.2			
50255	21.5	22.7	21.0			
50256	18.3	19.6	18.7			
50257	18.5	22.9	22.0			
50258	19.3	18.2	20.2			
50259	20.6	20.1	19.6			
50260	19.8	20.5	20.8			
50261	24.3	21.1	25.6			
50262	20.8	20.5	21.7			
n	12	12	12			
Mean	20.81	20.91	21.59			
S.D.	1.77	1.48	1.86			

Animal No.	Food consumption Sex : Female /Day			Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
	7	14	20			
50251	25.7	27.9	30.7			
50252	23.9	26.9	26.4			
50253	28.7	32.6	33.1			
50254	23.3	24.8	25.1			
50255	28.8	30.8	32.4			
50256	24.6	25.7	27.3			
50257	28.6	30.4	31.0			
50258	24.3	26.3	26.3			
50259	25.4	27.1	27.3			
50260	26.6	28.5	28.0			
50261	27.5	29.1	23.6			
50262	30.0	32.0	30.1			
n	12	12	12			
Mean	26.45	28.51	28.44			
S.D.	2.24	2.51	2.98			

Food consumption Sex : Female <u>/Day</u>		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
Animal No.	4			
50251	42.1			
50252	36.3			
50253	37.0			
50254	31.1			
50255	42.0			
50256	36.4			
50257	33.6			
50258	25.9			
50259	38.9			
50260	40.9			
50261	35.5			
50262	46.4			
n	12			
Mean	37.18			
S.D.	5.48			

Animal No.	Food consumption Sex : Female /Day			Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
	4	7	14			
50351	20.1	20.8	23.3			
50352	18.0	19.0	18.9			
50353	18.6	20.8	20.2			
50354	19.7	19.3	19.6			
50355	21.4	20.4	21.4			
50356	16.2	17.4	16.9			
50357	17.6	20.4	19.2			
50358	16.9	19.6	18.3			
50359	18.6	21.6	20.8			
50360	16.2	17.7	17.7			
50361	18.2	18.0	19.2			
50362	20.2	20.8	22.7			
n	12	12	12			
Mean	18.48	19.65	19.85			
S.D.	1.64	1.38	1.93			

Food consumption of Animal No. 50358 on days 35, 42 and 49 is 19.2, 19.0 and 19.5 g, respectively

Animal No.	Food consumption Sex : Female /Day			Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
	7	14	20			
50351	29.3	30.2	30.5			
50352	26.2	27.2	24.9			
50353	22.5	24.9	28.9			
50354	27.8	32.4	28.9			
50355	24.5	26.8	26.5			
50356	23.5	23.9	25.0			
50357	26.1	30.3	28.3			
50359	30.2	34.6	32.5			
50360	23.3	23.4	25.5			
50361	23.3	25.7	27.1			
50362	27.3	29.5	31.2			
n	11	11	11			
Mean	25.82	28.08	28.12			
S.D.	2.62	3.61	2.57			

Food consumption Sex : Female <u>/Day</u>		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
Animal No.	4			
50351	40.5			
50352	44.3			
50353	41.1			
50354	41.2			
50355	37.2			
50356	34.4			
50357	28.7			
50359	41.4			
50360	36.2			
50361	35.3			
50362	36.2			
n	11			
Mean	37.86			
S.D.	4.37			

Animal No.	Food consumption Sex : Female /Day			Period : F0 before mating Day 1-14 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
	4	7	14			
50451	19.3	19.6	20.1			
50452	23.0	22.2	23.4			
50453	17.1	17.6	19.3			
50454	20.1	22.7	22.4			
50455	21.3	19.1	20.9			
50456	21.2	21.8	21.8			
50457	15.7	19.9	18.9			
50458	21.9	20.5	21.2			
50459	18.7	18.6	18.9			
50460	18.8	18.3	18.6			
50461	18.2	17.4	17.8			
50462	21.8	20.1	22.2			
n	12	12	12			
Mean	19.76	19.82	20.46			
S.D.	2.18	1.75	1.78			

Animal No.	Food consumption Sex : Female /Day			Period : F0 gestation Day 0-20 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
	7	14	20			
50451	25.7	27.4	26.4			
50452	28.0	31.0	28.6			
50453	26.4	28.6	26.5			
50454	27.9	31.9	29.1			
50455	27.5	30.1	27.7			
50456	27.3	32.1	28.9			
50457	26.3	26.7	27.5			
50458	24.0	26.8	26.6			
50459	23.8	26.3	28.0			
50460	19.6 \$	19.0 \$	17.9 \$			
50461	21.8	23.4	24.0			
50462	32.8	34.6	29.8			
n	11	11	11			
Mean	26.50	28.99	27.55			
S.D.	2.86	3.26	1.63			

\$: Excepted data from calculation

Food consumption Sex : Female /Day		Period : F0 lactation Day 0-4 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
Animal No.	4			
50451	35.4			
50452	42.0			
50453	38.4			
50454	37.2			
50455	31.4			
50456	15.7 \$			
50457	38.4			
50458	36.2			
50459	35.9			
50461	34.9			
50462	39.8			
n	10			
Mean	36.96			
S.D.	2.92			

\$: Excepted data from calculation

Animal No.	Food consumption Sex : Female (satellite)		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 0 mg/kg			Unit : g	Species : Rat
	/Day		4	7	14	21	28
50551		21.3	20.1	20.7	20.4	21.5	
50552		22.2	17.4	19.3	18.9	19.9	
50553		19.2	20.0	23.1	20.6	21.0	
50554		18.4	23.9	21.8	23.6	21.9	
50555		21.1	22.2	23.4	27.1	28.4	
50556		20.3	19.7	21.9	21.3	20.6	
50557		22.1	20.9	21.4	20.8	21.9	
50558		20.6	19.5	19.0	18.1	18.9	
50559		19.4	20.3	20.9	23.5	22.5	
50560		19.1	19.3	20.1	18.9	18.1	
n		10	10	10	10	10	
Mean		20.37	20.33	21.16	21.32	21.47	
S.D.		1.32	1.75	1.47	2.73	2.81	

Animal No.	Food consumption Sex : Female (satellite)		Period : Administration Day 1-28 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Unit : g	Species : Rat
	/Day		4	7	14	21	28
50651		21.3	20.7	19.9	21.2	21.4	
50652		16.3	15.3	17.3	17.8	15.9	
50653		21.9	22.6	22.1	22.5	21.7	
50654		17.6	19.3	19.1	19.4	19.0	
50655		20.5	21.4	21.4	21.7	21.8	
50656		18.5	20.0	21.7	20.3	19.3	
50657		16.6	16.7	17.2	18.6	16.6	
50658		18.1	17.5	18.8	18.8	18.5	
50659		23.2	22.2	22.1	23.9	23.5	
50660		20.0	23.5	21.0	19.2	18.7	
n		10	10	10	10	10	
Mean		19.40	19.92	20.06	20.34	19.64	
S.D.		2.33	2.71	1.89	1.94	2.42	

Food consumption		Period : Recovery Day 1-14		Unit : g	Species : Rat
Sex : Male	/Day	Dose : 2,6-Naphthalic Acid 0 mg/kg			
Animal No.		7	14		
10106		34.7	32.3		
10107		31.7	29.1		
10110		31.0	29.9		
10111		35.9	35.9		
10112		34.2	33.2		
n		5	5		
Mean		33.50	32.08		
S.D.		2.07	2.72		

Food consumption Sex : Male <u>/Day</u>		Period : Recovery Day 1-14 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
Animal No.		7	14	
10401		34.3	29.6	
10404		34.5	33.3	
10406		30.2	28.4	
10411		31.5	29.1	
10412		36.9	35.6	
n		5	5	
Mean		33.48	31.20	
S.D.		2.65	3.11	

Food consumption Sex : Female (satellite)		Period : Recovery Day 1-14 Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
Animal No.	/Day	7	14	
50556		20.4	20.8	
50557		23.9	24.8	
50558		20.3	18.8	
50559		22.1	22.7	
50560		19.8	20.9	
n		5	5	
Mean		21.30	21.60	
S.D.		1.69	2.26	

Food consumption Sex : Female (satellite)		Period : Recovery Day 1-14 Dose : 2,6-Naphthalic Acid 1000 mg/kg		Unit : g	Species : Rat
Animal No.	/Day	7	14		
50656		20.2	19.9		
50657		17.8	18.3		
50658		19.5	19.0		
50659		25.5	25.8		
50660		22.8	19.3		
n		5	5		
Mean		21.16	20.46		
S.D.		3.02	3.04		

Urinary findings Sex : Male		Stage : Week 4 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat
Animal No.	pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
10106	8.5	±	-	-	0.1	-	-	A
10107	8.5	±	-	-	0.1	-	-	A
10110	8.5	±	-	-	0.1	-	-	A
10111	8.5	±	-	-	0.1	-	-	A
10112	8.5	±	-	-	0.1	-	-	A
n	5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings		Stage : Week 4	Species : Rat
Sex : Male		Dose : 2,6-Naphthalic Acid 0 mg/kg	
Urine volume			
Animal No.		mL/24hr	
10106		16.0	
10107		17.0	
10110		16.5	
10111		13.5	
10112		16.5	
n		5	
Mean		15.90	
S.D.		1.39	

Urinary findings Sex : Male Specific gravity	Stage : Week 4 Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
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Animal No.		
10106	4	
10107	3	
10110	4	
10111	4	
10112	4	
n	5	

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<

Sex : Male	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
10106	-	-	±	-	-	-	
10107	-	-	-	-	-	-	
10110	-	-	±	-	-	-	
10111	-	-	-	-	-	-	
10112	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Urinary findings Sex : Male		Stage : Week 4 Dose : 2,6-Naphthalic Acid 100 mg/kg						Species : Rat
Animal No.	pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
10201	8.5	±	-	-	0.1	-	±	A
10202	8.0	±	-	-	0.1	-	-	A
10203	8.5	-	-	-	0.1	-	-	A
10210	8.0	±	-	-	0.1	-	-	A
10211	8.0	-	-	-	0.1	-	-	A
n	5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings		Stage : Week 4	Species : Rat
Sex : Male		Dose : 2,6-Naphthalic Acid 100 mg/kg	
Urine volume			
Animal No.		mL/24hr	
10201		20.0	
10202		12.0	
10203		13.0	
10210		17.0	
10211		17.0	
n		5	
Mean		15.80	
S.D.		3.27	

Urinary findings	Stage : Week 4	
Sex : Male	Dose : 2,6-Naphthalic Acid 100 mg/kg	Species : Rat
Specific gravity		
<hr/>		
Animal No.		
10201	3	
10202	4	
10203	3	
10210	3	
10211	4	
n	5	

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<

Sex : Male	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
10201	-	-	±	-	-	-	
10202	-	-	-	-	-	-	
10203	-	-	-	-	-	-	
10210	-	-	-	-	-	-	
10211	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Urinary findings Sex : Male		Stage : Week 4 Dose : 2,6-Naphthalic Acid 300 mg/kg						Species : Rat
Animal No.	pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
10302	8.5	+	-	-	0.1	-	-	A
10305	8.5	±	-	-	0.1	-	±	A
10306	8.5	±	-	-	0.1	-	-	A
10309	8.0	+	-	-	0.1	-	±	A
10311	8.0	±	-	-	0.1	-	-	A
n	5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings		Stage : Week 4	Species : Rat
Sex : Male		Dose : 2,6-Naphthalic Acid 300 mg/kg	
Urine volume			
Animal No.		mL/24hr	
10302		17.0	
10305		31.0	
10306		27.0	
10309		15.5	
10311		23.5	
n		5	
Mean		22.80	
S.D.		6.56	

Urinary findings Sex : Male Specific gravity	Stage : Week 4 Dose : 2,6-Naphthalic Acid 300 mg/kg	Species : Rat
<hr/>		
Animal No.		
10302	4	
10305	2	
10306	2	
10309	4	
10311	3	
n	5	

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<

Sex : Male	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
10302	-	-	-	-	-	-	
10305	-	-	-	-	-	-	
10306	-	-	±	-	-	-	
10309	-	-	±	-	-	-	
10311	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Sex : Male	Urinary findings							Species : Rat
	pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	
Stage : Week 4							Dose : 2,6-Naphthalic Acid 1000 mg/kg	
Animal No.					EU/dL			
10401	8.5	±	-	-	0.1	-	-	A
10404	8.5	±	-	-	0.1	-	-	A
10406	8.5	±	-	-	0.1	-	-	A
10411	8.5	±	-	-	0.1	-	-	A
10412	8.5	±	-	-	0.1	-	±	A
n	5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings		Stage : Week 4	Species : Rat
Sex : Male		Dose : 2,6-Naphthalic Acid 1000 mg/kg	
Urine volume			
Animal No.		mL/24hr	
10401		13.0	
10404		17.0	
10406		17.5	
10411		17.5	
10412		26.5	
n		5	
Mean		18.30	
S.D.		4.96	

Urinary findings Sex : Male Specific gravity	Stage : Week 4 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Species : Rat
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Animal No.		
10401	5	
10404	3	
10406	4	
10411	4	
10412	3	
n	5	

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<

Sex : Male	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
10401	-	-	-	-	-	-	
10404	-	-	±	-	-	-	
10406	-	-	-	-	-	-	
10411	-	-	-	-	-	-	
10412	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Urinary findings Sex : Female (satellite)		Stage : Week 4 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat	
Animal No.		pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
50556		7.5	-	-	-	0.1	-	-	A
50557		8.5	-	-	-	0.1	-	-	A
50558		8.5	-	-	-	0.1	-	-	A
50559		8.5	-	-	-	0.1	-	-	A
50560		8.0	-	-	-	0.1	-	-	A
n		5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings Sex : Female (satellite)		Stage : Week 4 Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
Urine volume			
Animal No.	mL/21hr		
50556	11.0		
50557	10.0		
50558	9.5		
50559	11.5		
50560	7.5		
n	5		
Mean	9.90		
S.D.	1.56		

Urinary findings Sex : Female (satellite) Specific gravity	Stage : Week 4 Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
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Animal No.		
50556	4	
50557	4	
50558	4	
50559	4	
50560	4	
n	5	

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<

Sex : Female (satellite)	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
50556	-	-	±	-	-	-	
50557	-	-	±	-	-	-	
50558	-	-	-	-	-	-	
50559	-	-	-	-	-	-	
50560	-	-	±	-	-	-	
n	5	5	5	5	5	5	

Urinary findings Sex : Female (satellite)		Stage : Week 4 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat	
Animal No.		pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
50656		8.5	-	-	-	0.1	-	-	A
50657		7.0	±	-	-	0.1	-	-	A
50658		8.0	-	-	-	0.1	-	-	A
50659		8.0	±	-	-	0.1	-	-	A
50660		8.0	-	-	-	0.1	-	-	A
n		5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings Sex : Female (satellite)		Stage : Week 4 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Species : Rat
Urine volume			
Animal No.	mL/24hr		
50656	10.0		
50657	8.5		
50658	10.5		
50659	9.5		
50660	47.0		
n	5		
Mean	17.10		
S.D.	16.73		

Urinary findings Sex : Female (satellite) Specific gravity	Stage : Week 4 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Species : Rat
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Animal No.		
50656	4	
50657	5	
50658	4	
50659	5	
50660	1	
n	5	

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<

Sex : Female (satellite)	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
50656	-	-	±	-	-	-	
50657	-	-	±	-	-	-	
50658	-	-	±	-	-	-	
50659	-	-	-	-	-	-	
50660	-	-	±	-	-	-	
n	5	5	5	5	5	5	

Sex : Male	Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 0 mg/kg							Species : Rat
	pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	
Animal No.	EU/dL							
10106	8.0	2+	-	-	0.1	-	-	A
10107	8.5	+	-	-	0.1	-	-	A
10110	8.0	±	-	-	0.1	-	-	A
10111	8.5	+	-	-	0.1	-	-	A
10112	8.5	2+	-	-	0.1	-	-	A
n	5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings		Stage : Recovery Week 2	Species : Rat
Sex : Male		Dose : 2,6-Naphthalic Acid 0 mg/kg	
Urine volume			
Animal No.		mL/24hr	
10106		12.0	
10107		12.0	
10110		10.5	
10111		13.5	
10112		11.5	
n		5	
Mean		11.90	
S.D.		1.08	

Urinary findings Sex : Male Specific gravity	Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
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Animal No.		
10106	5	
10107	5	
10110	5	
10111	5	
10112	5	
n	5	

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<

Sex : Male	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
10106	-	-	-	-	-	-	
10107	-	-	±	-	-	-	
10110	-	-	±	-	-	-	
10111	-	-	-	-	-	-	
10112	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Sex : Male	Stage : Recovery Week 2							Species : Rat
	pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	
Animal No.							EU/dL	
10401	8.5	+	-	-	0.1	-	-	A
10404	8.5	2+	-	-	0.1	-	-	A
10406	8.5	+	-	-	0.1	-	-	A
10411	8.5	±	-	-	0.1	-	±	A
10412	8.0	2+	-	-	0.1	-	-	A
n	5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings		Stage : Recovery Week 2	Species : Rat
Sex : Male		Dose : 2,6-Naphthalic Acid 1000 mg/kg	
Urine volume			
Animal No.		mL/21hr	
10401		7.5	
10404		13.0	
10406		13.0	
10411		21.0	
10412		13.0	
n		5	
Mean		13.50	
S.D.		4.82	

Urinary findings Sex : Male Specific gravity	Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Species : Rat
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Animal No.		
10401	5	
10404	5	
10406	4	
10411	3	
10412	5	
n	5	

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<

Sex : Male	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
10401	-	-	±	-	-	-	
10404	-	-	±	-	-	-	
10406	-	-	±	-	-	-	
10411	-	-	±	-	-	-	
10412	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat	
Animal No.		pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
50556		8.0	-	-	-	0.1	-	-	A
50557		6.5	-	-	-	0.1	-	-	A
50558		8.5	2+	-	-	0.1	-	-	A
50559		8.5	-	-	-	0.1	-	-	A
50560		8.5	±	-	-	0.1	-	-	A
n		5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
Urine volume			
Animal No.	mL/21hr		
50556	11.0		
50557	4.5		
50558	7.0		
50559	11.5		
50560	13.0		
n	5		
Mean	9.40		
S.D.	3.52		

Urinary findings Sex : Female (satellite) Specific gravity	Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
<hr/>		
Animal No.		
50556	4	
50557	5	
50558	5	
50559	4	
50560	4	
n	5	

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<

Sex : Female (satellite)	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
50556	-	-	-	-	-	-	
50557	-	-	-	-	-	-	
50558	-	-	±	-	-	-	
50559	-	-	-	-	-	-	
50560	-	-	-	-	-	-	
n	5	5	5	5	5	5	

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat	
Animal No.		pH	Protein	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color
50656		8.5	±	-	-	0.1	-	-	A
50657		8.0	+	-	-	0.1	-	-	A
50658		8.0	-	-	-	0.1	-	-	A
50659		8.0	+	-	-	0.1	-	-	A
50660		8.0	+	-	-	0.1	-	-	A
n		5	5	5	5	5	5	5	5

A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings Sex : Female (satellite)		Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Species : Rat
Urine volume			
Animal No.	mL/24hr		
50656	13.0		
50657	5.5		
50658	18.0		
50659	6.0		
50660	6.5		
n	5		
Mean	9.80		
S.D.	5.51		

Urinary findings Sex : Female (satellite) Specific gravity	Stage : Recovery Week 2 Dose : 2,6-Naphthalic Acid 1000 mg/kg	Species : Rat
<hr/>		
Animal No.		
50656	4	
50657	5	
50658	2	
50659	5	
50660	5	
n	5	

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<

Sex : Female (satellite)	Urinary findings						Species : Rat
	RBC	WBC	Squamous	Round	Small round	Cast	
Animal No.							
50656	-	-	-	-	-	-	
50657	-	-	±	-	-	-	
50658	-	-	-	-	-	-	
50659	-	-	±	-	-	-	
50660	-	-	±	-	-	-	
n	5	5	5	5	5	5	

Hematological findings		Stage : Day 29							Species : Rat			
Sex : Male		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL
10101		875	15.3	42.6	48.7	17.5	35.9	3.19	110.2	92.5	14.2	73.4
10102		914	15.5	43.1	47.2	17.0	36.0	3.35	109.2	57.2	11.2	43.8
10103		840	15.9	45.1	53.7	18.9	35.3	3.43	102.6	93.8	13.4	77.0
10104		852	15.0	42.1	49.4	17.6	35.6	2.97	110.1	63.7	13.6	47.1
10105		850	16.3	46.4	54.6	19.2	35.1	2.23	90.7	51.3	14.8	33.8
n		5	5	5	5	5	5	5	5	5	5	5
Mean		866.2	15.60	43.86	50.72	18.04	35.58	3.034	104.56	71.70	13.44	55.02
S.D.		29.6	0.51	1.82	3.25	0.96	0.38	0.483	8.37	20.07	1.37	19.10
Monocyte		Eosinophil	Basophil	PT	APTT							
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec	sec	sec	sec	sec	sec	sec
10101		3.7	1.2	0.0	19.8	25.6						
10102		1.6	0.6	0.0	18.8	27.7						
10103		2.5	0.9	0.0	20.7	25.9						
10104		2.2	0.7	0.1	17.2	23.2						
10105		2.0	0.7	0.0	16.2	24.6						
n		5	5	5	5	5						
Mean		2.40	0.82	0.02	18.54	25.40						
S.D.		0.80	0.24	0.04	1.84	1.66						

Hematological findings Sex : Male				Stage : Day 29 Dose : 2,6-Naphthalic Acid 100 mg/kg					Species : Rat		
	RBC 10 ⁴ /µL	HGB g/dL	HCT %	MCV	MCH	MCHC	Reticulocyte %	Platelet 10 ⁴ /µL	WBC 10 ² /µL	Neutrophil 10 ² /µL	Lymphocyte 10 ² /µL
Animal No.											
10204	932	16.8	46.8	50.2	18.0	35.9	3.36	120.8	75.7	6.8	65.6
10205	894	15.4	43.7	48.9	17.2	35.2	3.05	130.4	73.9	10.0	60.0
10206	847	15.5	43.1	50.9	18.3	36.0	3.41	109.6	75.6	8.2	65.2
10207	814	14.9	42.3	52.0	18.3	35.2	3.68	121.8	61.6	13.7	44.4
10208	852	15.4	43.7	51.3	18.1	35.2	2.24	101.2	47.9	14.3	31.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	867.8	15.60	43.92	50.66	17.98	35.50	3.148	116.76	66.94	10.60	53.30
S.D.	45.8	0.71	1.71	1.18	0.45	0.41	0.555	11.41	12.16	3.31	15.01
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	Monocyte 10 ² /µL	Eosinophil 10 ² /µL	Basophil 10 ² /µL	PT sec	APTT						
Animal No.											
10204	2.8	0.5	0.0	18.0	APTT						
10205	2.6	1.3	0.0	24.1	APTT						
10206	1.2	1.0	0.0	18.3	APTT						
10207	2.6	0.9	0.0	15.8	APTT						
10208	1.6	0.7	0.0	23.1	APTT						
n	5	5	5	5	APTT						
Mean	2.16	0.88	0.00	19.86	APTT						
S.D.	0.71	0.30	0.00	3.57	APTT						

Hematological findings				Stage : Day 29					Species : Rat			
Sex : Male		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL
10301		928	16.1	45.0	48.5	17.3	35.8	2.76	107.4	63.0	8.9	52.3
10303		907	16.3	46.5	51.3	18.0	35.1	3.11	118.0	54.6	9.7	42.2
10304		852	15.4	43.3	50.8	18.1	35.6	3.58	120.8	56.1	8.4	44.6
10307		880	15.5	44.1	50.1	17.6	35.1	2.73	123.3	48.1	8.4	36.8
10308		906	15.9	45.2	49.9	17.5	35.2	3.30	108.3	55.3	8.5	44.6
n		5	5	5	5	5	5	5	5	5	5	5
Mean		894.6	15.84	44.82	50.12	17.70	35.36	3.096	115.56	55.42	8.78	44.10
S.D.		29.3	0.38	1.21	1.06	0.34	0.32	0.362	7.29	5.30	0.55	5.58
Monocyte		Eosinophil	Basophil	PT	APTT							
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec						
10301		1.5	0.3	0.0	18.3	26.6						
10303		2.0	0.7	0.0	19.0	24.7						
10304		2.2	0.9	0.0	18.2	25.2						
10307		2.0	0.9	0.0	20.8	27.2						
10308		1.6	0.6	0.0	18.5	25.6						
n		5	5	5	5	5						
Mean		1.86	0.68	0.00	18.96	25.86						
S.D.		0.30	0.25	0.00	1.07	1.02						

Hematological findings		Stage : Day 29							Species : Rat			
Sex : Male		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL
10402		876	15.7	44.4	50.7	17.9	35.4	3.70	121.3	89.3	18.1	68.2
10403		885	15.0	41.7	47.1	16.9	36.0	3.55	138.6	74.0	9.0	62.1
10405		853	15.0	41.6	48.8	17.6	36.1	2.37	116.1	51.3	7.4	42.0
10407		853	15.5	43.1	50.5	18.2	36.0	2.65	105.5	76.1	13.6	57.6
10408		912	16.2	44.7	49.0	17.8	36.2	3.36	144.4	62.0	16.4	40.5
n		5	5	5	5	5	5	5	5	5	5	5
Mean		875.8	15.48	43.10	49.22	17.68	35.94	3.126	125.18	70.54	12.90	54.08
S.D.		24.7	0.51	1.45	1.46	0.49	0.31	0.584	16.08	14.47	4.62	12.31
Monocyte		Eosinophil	Basophil	PT	APTT							
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec	sec	sec	sec	sec	sec	sec
10402		2.3	0.7	0.0	20.0	27.1						
10403		2.4	0.5	0.0	19.1	25.7						
10405		1.4	0.5	0.0	18.2	27.1						
10407		4.1	0.8	0.0	19.5	24.3						
10408		3.7	1.3	0.1	18.8	24.4						
n		5	5	5	5	5						
Mean		2.78	0.76	0.02	19.12	25.72						
S.D.		1.10	0.33	0.04	0.68	1.38						

Hematological findings Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 0 mg/kg								Species : Rat			
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte	
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL	
50153		686	13.4	39.8	58.0	19.5	33.7	9.19	99.5	69.3	26.9	39.3	
50154		737	14.7	42.5	57.7	19.9	34.6	9.17	139.4	59.8	17.6	38.5	
50155		662	12.7	36.6	55.3	19.2	34.7	9.18	133.4	79.8	22.9	54.2	
50156		690	13.0	37.8	54.8	18.8	34.4	7.26	118.9	71.5	25.9	43.5	
50158		679	12.9	37.2	54.8	19.0	34.7	6.80	129.1	66.4	23.7	39.7	
n		5	5	5	5	5	5	5	5	5	5	5	
Mean		690.8	13.34	38.78	56.12	19.28	34.42	8.320	124.06	69.36	23.40	43.04	
S.D.		28.0	0.80	2.40	1.60	0.43	0.42	1.189	15.63	7.31	3.62	6.53	
Monocyte		Eosinophil	Basophil	PT	APTT								
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec							
50153		2.4	0.7	0.0	17.1	19.9							
50154		3.0	0.7	0.0	17.1	17.1							
50155		2.0	0.7	0.0	17.5	22.4							
50156		1.5	0.6	0.0	16.6	19.9							
50158		1.6	1.4	0.0	17.0	21.0							
n		5	5	5	5	5							
Mean		2.10	0.82	0.00	17.06	20.06							
S.D.		0.62	0.33	0.00	0.32	1.95							

Hematological findings										Species : Rat	
Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 100 mg/kg									
Animal No.	RBC $10^4/\mu\text{L}$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu\text{L}$	WBC $10^2/\mu\text{L}$	Neutrophil $10^2/\mu\text{L}$	Lymphocyte $10^2/\mu\text{L}$
50251	753	14.6	42.5	56.4	19.4	34.4	8.03	148.0	128.2	34.9	86.2
50252	749	14.6	42.8	57.1	19.5	34.1	11.31	100.4	77.8	20.4	55.7
50256	696	13.1	37.7	54.2	18.8	34.7	7.31	112.9	56.3	20.3	33.5
50257	671	13.5	40.5	60.4	20.1	33.3	11.08	140.0	53.8	9.7	42.1
50260	705	12.9	37.3	52.9	18.3	34.6	6.43	87.0	71.5	27.7	41.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	714.8	13.74	40.16	56.20	19.22	34.22	8.832	117.66	77.52	22.60	51.74
S.D.	35.3	0.81	2.59	2.89	0.69	0.56	2.232	25.89	30.07	9.41	20.86
Monocyte $10^2/\mu\text{L}$		Eosinophil $10^2/\mu\text{L}$	Basophil $10^2/\mu\text{L}$	PT sec	APTT						
Animal No.											
50251		4.8	2.3	0.0	16.7	19.6					
50252		1.2	0.5	0.0	17.1	21.8					
50256		2.3	0.2	0.0	17.5	19.8					
50257		1.4	0.6	0.0	16.0	21.1					
50260		2.2	0.4	0.0	16.1	21.0					
n	5	5	5	5	5						
Mean	2.38	0.80	0.00	16.68	20.66						
S.D.	1.44	0.85	0.00	0.64	0.93						

Hematological findings Sex : Female										Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat	
	RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte			
Animal No.	10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL			
50351	657	13.3	39.3	59.8	20.2	33.8	10.38	119.7	49.4	22.2	25.2			
50353	739	13.6	39.8	53.9	18.4	34.2	7.50	118.6	86.2	27.5	56.8			
50357	658	12.6	36.7	55.8	19.1	34.3	8.95	144.9	90.4	21.2	65.5			
50361	721	14.5	41.7	57.8	20.1	34.8	6.47	116.5	79.0	33.0	42.5			
50362	721	13.5	39.6	54.9	18.7	34.1	6.73	155.8	53.9	22.1	29.4			
n	5	5	5	5	5	5	5	5	5	5	5			
Mean	699.2	13.50	39.42	56.44	19.30	34.24	8.006	131.10	71.78	25.20	43.88			
S.D.	38.8	0.68	1.79	2.36	0.82	0.36	1.641	18.03	18.89	5.02	17.28			
	Monocyte	Eosinophil	Basophil	PT	APTT									
Animal No.	10 ² /µL	10 ² /µL	10 ² /µL	sec	sec									
50351	1.6	0.4	0.0	17.0	20.7									
50353	1.3	0.6	0.0	17.0	18.9									
50357	2.8	0.9	0.0	16.4	19.7									
50361	3.0	0.5	0.0	17.7	20.4									
50362	2.0	0.4	0.0	17.5	21.4									
n	5	5	5	5	5									
Mean	2.14	0.56	0.00	17.12	20.22									
S.D.	0.74	0.21	0.00	0.51	0.96									

Hematological findings Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat		
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL
50451		715	13.3	38.9	54.4	18.6	34.2	5.92	97.1	70.1	27.6	40.2
50452		688	13.7	40.1	58.3	19.9	34.2	6.03	110.8	68.0	22.0	43.2
50454		733	13.7	39.7	54.2	18.7	34.5	5.70	102.2	101.0	20.9	76.6
50455		695	13.1	38.2	55.0	18.8	34.3	6.27	138.4	54.0	20.6	30.7
50457		802	14.5	42.0	52.4	18.1	34.5	4.77	117.7	65.9	19.6	43.5
n		5	5	5	5	5	5	5	5	5	5	5
Mean		726.6	13.66	39.78	54.86	18.82	34.34	5.738	113.24	71.80	22.14	46.84
S.D.		45.7	0.54	1.44	2.15	0.66	0.15	0.579	16.13	17.48	3.17	17.43
Monocyte		Eosinophil	Basophil	PT	APTT							
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec						
50451		1.7	0.6	0.0	16.4	21.5						
50452		1.8	1.0	0.0	16.5	20.8						
50454		2.7	0.8	0.0	16.8	18.9						
50455		1.9	0.8	0.0	15.9	20.5						
50457		2.0	0.8	0.0	17.3	22.5						
n		5	5	5	5	5						
Mean		2.02	0.80	0.00	16.58	20.84						
S.D.		0.40	0.14	0.00	0.52	1.33						

Hematological findings Sex : Female (satellite)		Stage : Day 29 Dose : 2,6-Naphthalic Acid 0 mg/kg							Species : Rat				
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte	
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL	
50551		862	15.3	44.0	51.0	17.7	34.8	3.46	101.4	34.8	7.2	26.5	
50552		791	14.5	41.2	52.1	18.3	35.2	3.55	118.4	25.3	8.0	16.3	
50553		907	16.5	45.8	50.5	18.2	36.0	1.84	91.7	69.6	5.0	61.5	
50554		904	16.2	44.7	49.4	17.9	36.2	2.33	97.8	52.3	6.3	43.4	
50555		894	15.9	44.5	49.8	17.8	35.7	2.98	112.6	36.4	7.1	27.1	
n		5	5	5	5	5	5	5	5	5	5	5	
Mean		871.6	15.68	44.04	50.56	17.98	35.58	2.832	104.38	43.68	6.72	34.96	
S.D.		48.5	0.79	1.72	1.06	0.26	0.58	0.736	10.92	17.43	1.13	17.73	
Monocyte		Eosinophil	Basophil	PT	APTT								
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec							
50551		0.4	0.7	0.0	15.3	20.3							
50552		0.6	0.4	0.0	15.6	19.5							
50553		2.0	1.0	0.1	15.5	19.3							
50554		1.4	1.2	0.0	16.0	19.9							
50555		1.5	0.7	0.0	16.1	17.3							
n		5	5	5	5	5							
Mean		1.18	0.80	0.02	15.70	19.26							
S.D.		0.66	0.31	0.04	0.34	1.16							

Hematological findings Sex : Female (satellite)				Stage : Day 29 Dose : 2,6-Naphthalic Acid 1000 mg/kg					Species : Rat		
Animal No.	RBC 10 ⁴ /µL	HGB g/dL	HCT %	MCV	MCH	MCHC	Reticulocyte %	Platelet 10 ⁴ /µL	WBC 10 ² /µL	Neutrophil 10 ² /µL	Lymphocyte 10 ² /µL
50651	767	14.2	38.9	50.7	18.5	36.5	2.50	114.1	45.3	7.6	36.5
50652	805	14.9	41.4	51.4	18.5	36.0	2.03	125.3	21.9	5.0	16.2
50653	792	15.3	42.5	53.7	19.3	36.0	3.19	101.4	32.8	3.4	28.1
50654	829	15.7	44.3	53.4	18.9	35.4	3.19	138.1	39.7	2.8	35.8
50655	739	14.2	40.1	54.3	19.2	35.4	3.42	112.8	51.5	9.7	39.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	786.4	14.86	41.44	52.70	18.88	35.86	2.866	118.34	38.24	5.70	31.22
S.D.	34.7	0.67	2.09	1.56	0.38	0.47	0.581	13.92	11.45	2.91	9.39
Monocyte 10 ² /µL		Eosinophil 10 ² /µL	Basophil 10 ² /µL	PT sec	APTT sec						
Animal No.	10 ² /µL	10 ² /µL	10 ² /µL	sec	APTT sec						
50651	0.9	0.3	0.0	15.2	APTT sec						
50652	0.3	0.4	0.0	14.9	APTT sec						
50653	0.7	0.6	0.0	14.0	APTT sec						
50654	0.7	0.4	0.0	16.2	APTT sec						
50655	1.7	0.6	0.0	14.7	APTT sec						
n	5	5	5	5	APTT sec						
Mean	0.86	0.46	0.00	15.00	APTT sec						
S.D.	0.52	0.13	0.00	0.80	APTT sec						

Hematological findings		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 0 mg/kg								Species : Rat		
Sex : Male		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL
10106		953	15.7	43.2	45.3	16.5	36.3	2.91	124.7	66.3	19.0	44.0
10107		864	16.0	45.0	52.1	18.5	35.6	3.38	112.7	66.7	8.9	55.5
10110		831	14.8	42.5	51.1	17.8	34.8	3.58	131.3	82.7	12.9	66.4
10111		871	15.6	44.1	50.6	17.9	35.4	2.98	86.7	75.0	17.5	54.2
10112		837	15.1	43.8	52.3	18.0	34.5	3.39	111.5	54.2	11.8	39.5
n		5	5	5	5	5	5	5	5	5	5	5
Mean		871.2	15.44	43.72	50.28	17.74	35.32	3.248	113.38	68.98	14.02	51.92
S.D.		48.8	0.48	0.94	2.87	0.74	0.70	0.289	17.07	10.67	4.16	10.54
Monocyte		Eosinophil	Basophil	PT	APTT							
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec						
10106		1.7	1.6	0.0	16.9	22.0						
10107		1.6	0.7	0.0	16.9	26.0						
10110		2.5	0.9	0.0	16.6	23.6						
10111		1.7	1.6	0.0	16.6	23.9						
10112		2.1	0.8	0.0	20.3	29.8						
n		5	5	5	5	5						
Mean		1.92	1.12	0.00	17.46	25.06						
S.D.		0.38	0.44	0.00	1.59	3.01						

Hematological findings Sex : Male		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat		
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL
10401		833	15.0	42.5	51.0	18.0	35.3	2.45	83.4	63.3	13.5	47.4
10404		816	14.3	41.1	50.4	17.5	34.8	3.53	105.2	41.9	7.7	32.4
10406		893	16.0	45.3	50.7	17.9	35.3	2.04	94.4	50.5	15.0	33.3
10411		855	15.2	43.7	51.1	17.8	34.8	2.63	121.4	63.5	12.3	48.3
10412		916	15.9	43.8	47.8	17.4	36.3	2.83	103.1	53.6	11.1	39.4
n		5	5	5	5	5	5	5	5	5	5	5
Mean		862.6	15.28	43.28	50.20	17.72	35.30	2.696	101.50	54.56	11.92	40.16
S.D.		41.5	0.70	1.57	1.37	0.26	0.61	0.550	14.06	9.14	2.77	7.53
Monocyte		Eosinophil	Basophil	PT	APTT							
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec						
10401		1.9	0.5	0.0	20.7	25.0						
10404		1.1	0.7	0.0	17.9	25.0						
10406		1.5	0.7	0.0	21.5	30.1						
10411		2.0	0.9	0.0	20.5	28.0						
10412		2.3	0.8	0.0	17.7	23.5						
n		5	5	5	5	5						
Mean		1.76	0.72	0.00	19.66	26.32						
S.D.		0.47	0.15	0.00	1.74	2.67						

Hematological findings Sex : Female (satellite)				Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 0 mg/kg					Species : Rat		
	RBC 10 ⁴ /µL	HGB g/dL	HCT %	MCV	MCH	MCHC g/dL	Reticulocyte %	Platelet 10 ⁴ /µL	WBC 10 ² /µL	Neutrophil 10 ² /µL	Lymphocyte 10 ² /µL
Animal No.				fL	pg						
50556	839	15.8	45.4	54.1	18.8	34.8	2.70	157.4	76.7	15.1	58.2
50557	860	15.2	41.8	48.6	17.7	36.4	2.44	110.3	62.2	12.3	46.6
50558	832	15.6	44.0	52.9	18.8	35.5	2.42	141.7	30.1	5.5	22.4
50559	869	16.5	45.9	52.8	19.0	35.9	2.71	128.7	76.7	8.4	65.6
50560	884	15.0	41.9	47.4	17.0	35.8	3.15	119.3	47.4	5.2	40.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	856.8	15.62	43.80	51.16	18.26	35.68	2.684	131.48	58.62	9.30	46.60
S.D.	21.4	0.58	1.91	2.96	0.87	0.59	0.295	18.58	20.04	4.32	16.75
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	Monocyte 10 ² /µL	Eosinophil 10 ² /µL	Basophil 10 ² /µL	PT sec	APTT sec						
Animal No.											
50556	2.1	1.3	0.0	15.9	20.7						
50557	2.1	1.2	0.0	16.1	20.0						
50558	1.3	0.9	0.0	16.2	22.1						
50559	1.8	0.9	0.0	15.3	19.1						
50560	1.1	0.9	0.0	15.7	21.9						
n	5	5	5	5	5						
Mean	1.68	1.04	0.00	15.84	20.76						
S.D.	0.46	0.19	0.00	0.36	1.27						

Hematological findings Sex : Female (satellite)		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 1000 mg/kg								Species : Rat			
		RBC	HGB	HCT	MCV	MCH	MCHC	Reticulocyte	Platelet	WBC	Neutrophil	Lymphocyte	
Animal No.		10 ⁴ /µL	g/dL	%	fL	pg	g/dL	%	10 ⁴ /µL	10 ² /µL	10 ² /µL	10 ² /µL	
50656		831	15.4	42.5	51.1	18.5	36.2	3.13	124.9	60.0	7.3	50.2	
50657		843	14.8	41.6	49.3	17.6	35.6	2.12	152.9	30.8	4.0	25.2	
50658		895	16.9	47.7	53.3	18.9	35.4	2.97	121.4	48.2	5.3	39.6	
50659		860	15.7	43.5	50.6	18.3	36.1	2.39	143.7	79.3	6.6	69.9	
50660		789	14.7	40.8	51.7	18.6	36.0	3.41	160.5	39.4	3.6	34.1	
n		5	5	5	5	5	5	5	5	5	5	5	
Mean		843.6	15.50	43.22	51.20	18.38	35.86	2.804	140.68	51.54	5.36	43.80	
S.D.		38.9	0.89	2.70	1.47	0.49	0.34	0.534	17.12	18.91	1.60	17.17	
Monocyte		Eosinophil	Basophil	PT	APTT								
Animal No.		10 ² /µL	10 ² /µL	10 ² /µL	sec	sec							
50656		2.0	0.5	0.0	16.1	20.5							
50657		1.0	0.6	0.0	14.4	19.5							
50658		2.1	1.2	0.0	15.9	20.3							
50659		1.6	1.2	0.0	16.2	18.3							
50660		1.3	0.4	0.0	15.4	18.5							
n		5	5	5	5	5							
Mean		1.60	0.78	0.00	15.60	19.42							
S.D.		0.46	0.39	0.00	0.74	1.01							

Biochemical findings										Species : Rat	
Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 0 mg/kg									
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL
10101	70	29	309	0.2	0.09	11.1	166	51	32	5.4	12.2
10102	65	27	371	0.3	0.06	5.5	162	57	23	5.1	14.9
10103	68	31	370	0.0	0.06	7.1	153	55	46	5.1	11.8
10104	61	23	312	0.2	0.05	4.9	142	41	64	5.3	13.1
10105	55	22	330	0.4	0.06	3.9	127	59	22	5.1	17.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	63.8	26.4	338.4	0.22	0.064	6.50	150.0	52.6	37.4	5.20	13.80
S.D.	6.0	3.8	30.4	0.15	0.015	2.82	15.8	7.1	17.7	0.14	2.15
	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%
10101	0.30	145	4.16	105	9.4	7.4	1.01	2.71	50.2	24.5	5.9
10102	0.32	145	4.21	107	9.5	7.0	1.05	2.61	51.2	24.0	6.2
10103	0.29	146	4.16	106	9.8	8.2	1.07	2.64	51.7	20.2	6.2
10104	0.25	147	4.27	106	10.0	7.9	1.05	2.71	51.2	18.7	6.0
10105	0.29	145	4.30	107	9.6	8.0	1.01	2.56	50.2	22.7	5.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.290	145.6	4.220	106.2	9.66	7.70	1.038	2.646	50.90	22.02	6.04
S.D.	0.025	0.9	0.064	0.8	0.24	0.49	0.027	0.065	0.67	2.49	0.15
	β-G	γ-G									
Animal No.	%	%									
10101	15.7	3.7									
10102	15.0	3.6									
10103	17.3	4.6									
10104	18.9	5.2									
10105	14.6	6.6									
n	5	5									
Mean	16.30	4.74									
S.D.	1.78	1.23									

Biochemical findings										Species : Rat	
Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 100 mg/kg									
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL
10204	122	80	479	0.2	0.09	17.0	158	51	27	5.4	12.7
10205	68	27	369	0.5	0.06	5.2	179	46	73	5.5	10.6
10206	74	30	376	0.1	0.06	3.7	157	57	38	5.3	14.1
10207	69	25	504	0.2	0.05	3.8	134	60	36	5.0	13.2
10208	66	26	358	0.0	0.06	5.7	134	38	20	4.7	15.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	79.8	37.6	417.2	0.20	0.064	7.08	152.4	50.4	38.8	5.18	13.30
S.D.	23.8	23.8	68.7	0.19	0.015	5.61	19.0	8.8	20.4	0.33	1.94
Crea Na K Cl Ca IP A/G Albumin Albumin α1-G α2-G											
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%
10204	0.30	146	4.82	104	9.3	7.8	1.21	2.95	54.6	14.6	8.0
10205	0.31	146	4.39	106	9.4	6.7	0.93	2.65	48.2	25.3	5.9
10206	0.34	145	4.14	106	9.6	7.9	1.01	2.67	50.4	23.0	6.4
10207	0.26	145	4.22	104	9.6	8.0	1.06	2.58	51.6	21.8	6.0
10208	0.28	147	4.22	108	9.5	8.3	1.06	2.42	51.5	22.2	6.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.298	145.8	4.358	105.6	9.48	7.74	1.054	2.654	51.26	21.38	6.62
S.D.	0.030	0.8	0.274	1.7	0.13	0.61	0.102	0.192	2.31	4.03	0.85
β-G γ-G											
Animal No.	%	%									
10204	18.8	4.0									
10205	16.9	3.7									
10206	15.4	4.8									
10207	16.6	4.0									
10208	15.1	4.4									
n	5	5									
Mean	16.56	4.18									
S.D.	1.47	0.43									

Biochemical findings										Species : Rat		
Sex : Male		Stage : Day 29										
		AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL	
10301	69	32	405	0.2	0.07	14.3	182	49	37	5.2	10.6	
10303	75	28	457	0.2	0.07	7.6	143	58	30	5.1	15.0	
10304	67	30	349	0.2	0.09	9.2	156	61	51	5.5	13.4	
10307	54	22	353	0.1	0.07	6.2	141	49	38	5.1	12.5	
10308	63	29	429	0.0	0.06	5.4	124	53	30	5.2	14.2	
n	5	5	5	5	5	5	5	5	5	5	5	
Mean	65.6	28.2	398.6	0.14	0.072	8.54	149.2	54.0	37.2	5.22	13.14	
S.D.	7.8	3.8	47.2	0.09	0.011	3.53	21.6	5.4	8.6	0.16	1.70	
		Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL	g/dL	%	%	%	%	
10301	0.30	145	4.08	105	9.1	7.0	1.11	2.74	52.7	20.9	5.9	
10303	0.29	146	4.21	106	9.2	6.9	1.13	2.71	53.1	19.2	6.0	
10304	0.28	144	4.59	104	9.8	7.3	0.97	2.70	49.1	24.3	6.3	
10307	0.27	146	4.48	108	9.9	7.9	0.99	2.54	49.8	24.2	5.7	
10308	0.29	146	4.59	108	9.6	8.0	0.95	2.53	48.6	22.3	7.2	
n	5	5	5	5	5	5	5	5	5	5	5	
Mean	0.286	145.4	4.390	106.2	9.52	7.42	1.030	2.644	50.66	22.18	6.22	
S.D.	0.011	0.9	0.233	1.8	0.36	0.51	0.084	0.101	2.09	2.19	0.59	
		β-G	γ-G									
Animal No.	%	%	%									
10301	16.7	3.8										
10303	16.4	5.3										
10304	16.5	3.8										
10307	16.6	3.7										
10308	16.9	5.0										
n	5	5										
Mean	16.62	4.32										
S.D.	0.19	0.77										

Biochemical findings										Species : Rat		
Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 1000 mg/kg										
Animal No.		AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL	
10402		87	33	394	0.4	0.07	6.1	164	38	27	5.3	14.5
10403		68	27	477	0.3	0.07	4.4	167	47	49	5.3	12.9
10405		71	34	383	0.2	0.05	3.5	146	51	20	5.2	12.5
10407		77	30	415	0.1	0.05	4.5	144	47	27	4.9	14.3
10408		66	35	486	0.2	0.08	3.0	160	56	102	5.5	14.6
n		5	5	5	5	5	5	5	5	5	5	5
Mean		73.8	31.8	431.0	0.24	0.064	4.30	156.2	47.8	45.0	5.24	13.76
S.D.		8.5	3.3	47.6	0.11	0.013	1.19	10.5	6.6	33.7	0.22	0.98
Crea Na K Cl Ca IP A/G Albumin Albumin α1-G α2-G												
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%	
10402	0.34	145	4.40	104	9.2	7.6	1.11	2.79	52.7	21.0	6.2	
10403	0.30	146	4.50	106	9.7	7.0	1.07	2.73	51.6	22.2	6.2	
10405	0.26	146	4.32	106	9.6	7.4	0.96	2.55	49.1	26.2	5.8	
10407	0.24	146	4.70	108	9.4	7.6	1.22	2.69	54.9	18.9	5.6	
10408	0.25	144	4.83	104	10.1	7.9	1.01	2.77	50.3	19.7	7.6	
n	5	5	5	5	5	5	5	5	5	5	5	
Mean	0.278	145.4	4.550	105.6	9.60	7.50	1.074	2.706	51.72	21.60	6.28	
S.D.	0.041	0.9	0.211	1.7	0.34	0.33	0.100	0.095	2.23	2.86	0.78	
β-G γ-G												
Animal No.	%	%										
10402	15.6	4.5										
10403	16.4	3.6										
10405	15.9	3.0										
10407	15.9	4.7										
10408	18.5	3.9										
n	5	5										
Mean	16.46	3.94										
S.D.	1.18	0.69										

Biochemical findings										Species : Rat	
Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 0 mg/kg									
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL
50153	95	47	248	0.6	0.06	12.4	143	52	33	5.7	15.9
50154	72	38	179	0.8	0.07	12.2	142	52	38	5.5	17.9
50155	81	38	179	0.7	0.06	23.5	125	63	31	5.3	18.3
50156	88	63	115	0.5	0.07	12.5	132	64	36	5.7	19.4
50158	85	40	268	0.7	0.04	7.7	133	59	21	5.2	22.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	84.2	45.2	197.8	0.66	0.060	13.66	135.0	58.0	31.8	5.48	18.78
S.D.	8.5	10.6	61.3	0.11	0.012	5.86	7.5	5.8	6.6	0.23	2.39
Crea Na K Cl Ca IP A/G Albumin Albumin α1-G α2-G											
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%
50153	0.29	143	4.23	105	10.6	8.2	0.99	2.83	49.7	19.7	8.1
50154	0.33	142	4.19	102	10.7	9.3	1.07	2.84	51.6	19.0	7.5
50155	0.30	142	4.64	101	10.4	9.9	1.02	2.68	50.5	21.1	8.9
50156	0.37	142	4.50	103	11.0	9.8	0.92	2.74	48.0	22.8	8.2
50158	0.33	144	4.24	105	10.4	9.9	0.85	2.38	45.8	23.4	9.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.324	142.6	4.360	103.2	10.62	9.42	0.970	2.694	49.12	21.20	8.34
S.D.	0.031	0.9	0.199	1.8	0.25	0.73	0.086	0.188	2.27	1.90	0.62
β-G γ-G											
Animal No.	%	%									
50153	18.5	4.0									
50154	17.3	4.6									
50155	16.3	3.2									
50156	17.0	4.0									
50158	18.4	3.4									
n	5	5									
Mean	17.50	3.84									
S.D.	0.94	0.55									

Biochemical findings Sex : Female										Species : Rat	
Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 100 mg/kg											
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	148	50	230	0.7	0.06	9.5	140	64	41	5.7	17.4
50252	83	39	190	0.6	0.07	8.2	132	66	29	6.0	23.5
50256	86	41	136	0.4	0.06	12.1	130	47	17	5.5	18.2
50257	77	39	206	0.6	0.04	12.9	120	58	52	5.3	19.7
50260	98	56	284	0.7	0.05	4.6	120	63	39	5.7	17.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	98.4	45.0	209.2	0.60	0.056	9.46	128.4	59.6	35.6	5.64	19.24
S.D.	28.8	7.6	54.2	0.12	0.011	3.32	8.5	7.6	13.2	0.26	2.56
Crea mg/dL											
Animal No.	Na mEq/L	K mEq/L	Cl mEq/L	Ca mEq/L	IP mg/dL	A/G mg/dL	Albumin g/dL	Albumin %	α1-G %	α2-G %	
50251	0.35	143	4.96	106	10.3	8.5	1.07	2.95	51.7	19.4	7.6
50252	0.34	144	4.62	104	10.9	8.9	0.99	2.99	49.8	21.0	8.2
50256	0.32	143	4.10	104	10.2	8.8	1.12	2.91	52.9	19.5	7.5
50257	0.39	144	4.32	103	10.7	10.2	0.90	2.51	47.3	21.3	7.4
50260	0.31	144	3.71	104	10.5	9.4	0.89	2.69	47.2	22.7	8.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.342	143.6	4.342	104.2	10.52	9.16	0.994	2.810	49.78	20.78	7.76
S.D.	0.031	0.5	0.479	1.1	0.29	0.67	0.102	0.204	2.56	1.37	0.36
β-G %											
Animal No.	β-G %	γ-G %									
50251	17.7	3.6									
50252	17.2	3.8									
50256	16.7	3.4									
50257	17.6	6.4									
50260	17.6	4.4									
n	5	5									
Mean	17.36	4.32									
S.D.	0.42	1.22									

Biochemical findings Sex : Female											Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 300 mg/kg		Species : Rat		
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN				
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL				
50351	70	36	194	0.8	0.05	6.3	125	45	34	5.0	17.0				
50353	112	56	192	0.8	0.08	43.9	120	68	26	5.6	16.5				
50357	95	40	253	0.6	0.05	4.9	118	82	105	6.1	16.8				
50361	176	59	232	0.7	0.07	7.6	134	65	28	5.4	19.7				
50362	74	40	208	0.7	0.05	9.6	131	51	31	5.4	17.2				
n	5	5	5	5	5	5	5	5	5	5	5				
Mean	105.4	46.2	215.8	0.72	0.060	14.46	125.6	62.2	44.8	5.50	17.44				
S.D.	42.9	10.5	26.2	0.08	0.014	16.55	6.9	14.6	33.8	0.40	1.29				
	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G				
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%				
50351	0.28	145	4.24	106	10.4	8.7	1.00	2.50	50.0	21.9	7.7				
50353	0.30	143	4.48	102	10.6	8.8	0.97	2.76	49.3	19.3	8.8				
50357	0.30	143	4.21	104	10.7	8.8	1.24	3.37	55.3	18.8	6.7				
50361	0.35	141	3.66	102	10.0	9.0	1.02	2.73	50.6	19.8	7.3				
50362	0.32	145	4.12	106	10.2	9.1	0.95	2.62	48.5	21.9	7.1				
n	5	5	5	5	5	5	5	5	5	5	5				
Mean	0.310	143.4	4.142	104.0	10.38	8.88	1.036	2.796	50.74	20.34	7.52				
S.D.	0.026	1.7	0.301	2.0	0.29	0.16	0.117	0.337	2.67	1.47	0.80				
	β-G	γ-G													
Animal No.	%	%													
50351	16.9	3.5													
50353	17.9	4.7													
50357	15.0	4.2													
50361	17.0	5.3													
50362	17.6	4.9													
n	5	5													
Mean	16.88	4.52													
S.D.	1.13	0.69													

Biochemical findings Sex : Female										Species : Rat	
Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
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	164	50	141	0.6	0.07	4.9	127	50	16	5.4	12.3
50452	70	36	181	0.8	0.06	19.5	119	71	34	5.4	17.2
50454	78	36	143	0.5	0.05	12.3	130	68	39	5.5	15.4
50455	70	45	137	0.6	0.04	18.7	124	85	41	6.3	15.5
50457	78	39	134	0.5	0.06	4.9	133	59	40	5.6	19.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	92.0	41.2	147.2	0.60	0.056	12.06	126.6	66.6	34.0	5.64	16.02
S.D.	40.4	6.1	19.2	0.12	0.011	7.11	5.4	13.2	10.4	0.38	2.71
Crea mg/dL											
Animal No.	Na mEq/L	K mEq/L	Cl mEq/L	Ca mEq/L	IP mg/dL	A/G mg/dL	Albumin g/dL	Albumin %	α1-G %	α2-G %	
50451	0.27	143	4.20	105	10.3	7.5	1.02	2.72	50.4	20.6	6.7
50452	0.30	145	4.29	106	10.1	8.2	0.98	2.67	49.5	20.6	8.0
50454	0.31	144	4.13	105	10.3	8.2	1.13	2.93	53.2	18.0	7.2
50455	0.31	142	4.72	104	10.5	7.8	1.17	3.40	53.9	19.1	6.6
50457	0.29	145	3.92	106	10.0	8.9	1.08	2.91	51.9	20.7	7.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.296	143.8	4.252	105.2	10.24	8.12	1.076	2.926	51.78	19.80	7.18
S.D.	0.017	1.3	0.295	0.8	0.19	0.53	0.078	0.288	1.85	1.21	0.57
β-G %											
Animal No.	β-G %	γ-G %									
50451	16.7	5.6									
50452	16.6	5.3									
50454	16.9	4.7									
50455	16.3	4.1									
50457	16.0	4.0									
n	5	5									
Mean	16.50	4.74									
S.D.	0.35	0.71									

Biochemical findings Sex : Female (satellite)				Stage : Day 29 Dose : 2,6-Naphthalic Acid 0 mg/kg					Species : Rat		
	AST IU/L	ALT IU/L	ALP IU/L	γ -GTP IU/L	T-Bil mg/dL	TBA μ mol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
Animal No.											
50551	64	29	230	0.6	0.06	5.8	146	53	6	5.9	17.5
50552	53	20	135	0.6	0.06	8.4	132	56	6	5.9	18.7
50553	74	29	112	1.0	0.09	13.8	133	64	13	6.0	21.9
50554	75	34	210	1.1	0.09	6.1	127	59	16	5.7	16.9
50555	73	25	138	0.7	0.08	5.9	145	45	17	5.5	18.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	67.8	27.4	165.0	0.80	0.076	8.00	136.6	55.4	11.6	5.80	18.72
S.D.	9.4	5.2	51.7	0.23	0.015	3.42	8.4	7.1	5.3	0.20	1.93
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	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α 1-G %	α 2-G %
Animal No.											
50551	0.36	146	4.24	108	9.8	7.9	1.17	3.18	53.9	19.4	6.1
50552	0.32	145	4.19	107	9.9	7.6	1.13	3.13	53.0	18.1	5.9
50553	0.40	143	4.71	104	10.1	8.1	1.41	3.51	58.5	16.6	5.6
50554	0.32	144	4.14	106	10.0	7.2	1.10	2.99	52.4	18.2	6.3
50555	0.27	144	4.41	106	10.0	7.8	1.37	3.17	57.7	15.4	6.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.334	144.4	4.338	106.2	9.96	7.72	1.236	3.196	55.10	17.54	6.12
S.D.	0.049	1.1	0.231	1.5	0.11	0.34	0.143	0.191	2.80	1.55	0.41
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	β -G %	γ -G %									
Animal No.											
50551	15.7	4.9									
50552	16.3	6.7									
50553	14.2	5.1									
50554	16.5	6.6									
50555	15.8	4.4									
n	5	5									
Mean	15.70	5.54									
S.D.	0.90	1.05									

Biochemical findings Sex : Female (satellite)										Species : Rat	
Stage : Day 29 Dose : 2,6-Naphthalic Acid 1000 mg/kg											
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	67	25	237	0.6	0.08	9.0	150	60	11	6.2	21.2
50652	61	33	224	0.6	0.05	3.6	131	58	9	5.7	14.6
50653	78	45	147	0.9	0.09	12.2	142	84	25	6.0	15.9
50654	57	21	174	0.6	0.10	11.1	133	54	17	5.5	15.9
50655	58	19	164	0.4	0.07	6.0	143	61	13	5.8	15.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	64.2	28.6	189.2	0.62	0.078	8.38	139.8	63.4	15.0	5.84	16.66
S.D.	8.6	10.6	39.2	0.18	0.019	3.57	7.8	11.8	6.3	0.27	2.59
Crea mg/dL											
Animal No.	Na mEq/L	K mEq/L	Cl mEq/L	Ca mEq/L	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G	α2-G	
50651	0.42	143	3.80	104	9.8	6.5	1.07	3.22	51.9	19.0	5.8
50652	0.29	148	4.31	109	9.7	7.8	1.04	2.91	51.1	19.7	6.7
50653	0.29	144	4.10	104	10.3	7.1	1.31	3.40	56.7	18.9	6.3
50654	0.32	146	4.24	107	9.8	7.3	1.19	2.98	54.2	19.4	6.3
50655	0.32	145	3.86	106	9.5	7.8	1.11	3.06	52.7	18.0	5.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.328	145.2	4.062	106.0	9.82	7.30	1.144	3.114	53.32	19.00	6.10
S.D.	0.054	1.9	0.226	2.1	0.29	0.54	0.109	0.197	2.21	0.64	0.50
β-G %											
Animal No.	β-G %	γ-G %									
50651	15.9	7.4									
50652	16.2	6.3									
50653	13.9	4.2									
50654	15.3	4.8									
50655	16.3	7.6									
n	5	5									
Mean	15.52	6.06									
S.D.	0.99	1.52									

Biochemical findings											
Sex : Male											
Stage : Recovery Day 15											
Dose : 2,6-Naphthalic Acid 0 mg/kg											
Species : Rat											
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL
10106	56	29	379	0.5	0.07	7.5	146	58	27	5.3	14.0
10107	67	22	293	0.8	0.07	4.8	166	53	26	5.1	13.1
10110	58	22	291	0.4	0.06	4.5	144	54	24	5.4	13.7
10111	60	28	260	0.4	0.05	2.4	145	49	70	5.0	16.1
10112	60	25	327	0.5	0.05	3.2	124	38	32	4.9	14.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	60.2	25.2	310.0	0.52	0.060	4.48	145.0	50.4	35.8	5.14	14.26
S.D.	4.1	3.3	45.3	0.16	0.010	1.95	14.9	7.6	19.3	0.21	1.13
	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL	g/dL	%	%	%	%
10106	0.26	145	4.39	105	9.6	7.9	0.97	2.61	49.3	23.8	7.0
10107	0.28	147	4.40	107	9.4	8.4	1.11	2.68	52.6	17.2	8.0
10110	0.27	147	4.37	106	10.0	7.8	0.95	2.63	48.7	20.7	6.9
10111	0.29	145	4.24	105	9.8	8.4	0.92	2.40	48.0	23.1	7.0
10112	0.27	146	4.62	105	9.5	8.1	1.02	2.47	50.4	22.0	6.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.274	146.0	4.404	105.6	9.66	8.12	0.994	2.558	49.80	21.36	7.10
S.D.	0.011	1.0	0.137	0.9	0.24	0.28	0.074	0.118	1.80	2.60	0.53
	β-G	γ-G									
Animal No.	%	%									
10106	15.8	4.1									
10107	18.1	4.1									
10110	17.6	6.1									
10111	18.1	3.8									
10112	16.9	4.1									
n	5	5									
Mean	17.30	4.44									
S.D.	0.97	0.94									

Biochemical findings											
Sex : Male											
Stage : Recovery Day 15											
Dose : 2,6-Naphthalic Acid 1000 mg/kg											
Species : Rat											
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL
10401	69	28	277	0.5	0.06	6.3	153	44	45	5.0	13.6
10404	64	27	333	0.5	0.08	4.5	143	51	41	4.9	14.0
10406	63	26	332	0.3	0.08	3.4	146	56	21	5.4	14.6
10411	65	29	277	0.4	0.04	4.3	123	38	19	4.8	14.8
10412	95	40	307	0.6	0.06	3.3	137	35	49	5.1	16.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	71.2	30.0	305.2	0.46	0.064	4.36	140.4	44.8	35.0	5.04	14.76
S.D.	13.5	5.7	27.8	0.11	0.017	1.21	11.3	8.8	14.0	0.23	1.24
	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL	g/dL	%	%	%	%
10401	0.28	146	4.13	107	9.6	7.7	0.88	2.35	46.9	24.2	6.7
10404	0.25	146	4.05	106	9.6	7.5	1.08	2.55	52.0	19.7	6.6
10406	0.30	148	4.21	110	9.4	6.7	1.12	2.86	52.9	15.5	9.1
10411	0.27	146	4.37	106	9.4	8.3	1.08	2.49	51.8	21.3	6.1
10412	0.27	147	4.28	106	9.3	7.1	0.90	2.41	47.3	23.7	7.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.274	146.6	4.208	107.0	9.46	7.46	1.012	2.532	50.18	20.88	7.10
S.D.	0.018	0.9	0.125	1.7	0.13	0.61	0.113	0.199	2.85	3.52	1.16
	β-G	γ-G									
Animal No.	%	%									
10401	18.3	3.9									
10404	17.1	4.6									
10406	18.5	4.0									
10411	15.8	5.0									
10412	18.2	3.8									
n	5	5									
Mean	17.58	4.26									
S.D.	1.13	0.52									

Biochemical findings Sex : Female (satellite)										Species : Rat	
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL
50556	213	64	164	0.8	0.12	38.6	118	62	11	6.6	19.5
50557	76	25	208	0.5	0.09	12.0	113	58	13	5.5	18.1
50558	51	18	157	0.8	0.06	4.8	125	65	21	6.0	14.4
50559	56	25	154	1.5	0.07	3.6	119	55	23	5.7	16.5
50560	72	30	153	1.1	0.08	8.3	137	72	20	5.7	17.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	93.6	32.4	167.2	0.94	0.084	13.46	122.4	62.4	17.6	5.90	17.18
S.D.	67.6	18.2	23.2	0.38	0.023	14.43	9.2	6.6	5.3	0.43	1.90
	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%
50556	0.38	143	4.39	104	10.3	7.3	1.19	3.59	54.4	18.0	5.7
50557	0.40	143	4.29	104	9.9	7.4	1.12	2.91	52.9	18.0	6.3
50558	0.32	143	4.44	104	10.0	6.9	1.21	3.29	54.8	18.8	5.8
50559	0.32	145	4.15	106	9.6	7.4	1.23	3.15	55.2	16.4	6.0
50560	0.35	144	4.11	105	10.0	7.3	1.33	3.26	57.2	17.5	6.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.354	143.6	4.276	104.6	9.96	7.26	1.216	3.240	54.90	17.74	6.00
S.D.	0.036	0.9	0.144	0.9	0.25	0.21	0.076	0.246	1.55	0.88	0.25
	β-G	γ-G									
Animal No.	%	%									
50556	15.3	6.6									
50557	16.0	6.8									
50558	14.7	5.9									
50559	16.9	5.5									
50560	15.3	3.8									
n	5	5									
Mean	15.64	5.72									
S.D.	0.84	1.19									

Biochemical findings Sex : Female (satellite)											Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat		
	AST	ALT	ALP	γ-GTP	T-Bil	TBA	Glucose	T-Cho	TG	TP	UN					
Animal No.	IU/L	IU/L	IU/L	IU/L	mg/dL	μmol/L	mg/dL	mg/dL	mg/dL	g/dL	mg/dL					
50656	57	20	257	0.6	0.09	8.6	150	79	15	6.2	17.2					
50657	87	49	131	0.7	0.09	13.2	128	92	23	6.3	15.2					
50658	59	28	160	0.4	0.10	3.8	122	72	26	5.9	18.9					
50659	65	31	283	1.0	0.08	18.0	132	83	20	5.9	16.9					
50660	66	29	173	0.6	0.08	8.1	132	85	42	6.1	14.0					
n	5	5	5	5	5	5	5	5	5	5	5					
Mean	66.8	31.4	200.8	0.66	0.088	10.34	132.8	82.2	25.2	6.08	16.44					
S.D.	11.9	10.7	65.6	0.22	0.008	5.42	10.4	7.4	10.2	0.18	1.89					
	Crea	Na	K	Cl	Ca	IP	A/G	Albumin	Albumin	α1-G	α2-G					
Animal No.	mg/dL	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL		g/dL	%	%	%					
50656	0.34	144	3.99	105	10.1	7.0	1.54	3.76	60.7	13.1	5.5					
50657	0.33	144	4.43	103	10.3	7.2	1.31	3.57	56.7	18.6	5.3					
50658	0.34	144	4.02	104	10.5	7.3	1.26	3.28	55.6	16.6	5.8					
50659	0.33	144	4.23	102	10.2	7.7	1.18	3.20	54.2	18.6	6.6					
50660	0.31	142	4.43	103	10.3	7.5	1.32	3.47	56.9	15.3	5.7					
n	5	5	5	5	5	5	5	5	5	5	5					
Mean	0.330	143.6	4.220	103.4	10.28	7.34	1.322	3.456	56.82	16.44	5.78					
S.D.	0.012	0.9	0.213	1.1	0.15	0.27	0.134	0.225	2.42	2.34	0.50					
	β-G	γ-G														
Animal No.	%	%														
50656	15.0	5.7														
50657	14.2	5.2														
50658	15.0	7.0														
50659	15.8	4.8														
50660	16.4	5.7														
n	5	5														
Mean	15.28	5.68														
S.D.	0.84	0.83														

Necropsy findings			Stage : Day 29	Species : Rat
Sex : Male				
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10101		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10102	Unsuccessful mating	
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10103		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10104		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10105		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10108		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10109		
Finding absent :	Testis, Epididymis, Other organs & tissues			

Necropsy findings			Stage : Day 29	Species : Rat
Sex : Male				
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10201		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10202		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10203		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10204		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10205		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10206		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10207		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10208		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10209		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10210		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10211		
Testis				
Findings :	Finding present			
	Small size, unilateral			
	Non-graded change			
	Finding Comment : right			
Epididymis				
Findings :	Finding present			
	Small size, unilateral			
	Non-graded change			
	Finding Comment : right			
Finding absent :	Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10212		
Finding absent :	Testis, Epididymis, Other organs & tissues			

Necropsy findings				
Sex : Male			Stage : Day 29	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10301		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10302		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10303		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10304		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10305		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10306		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10307		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10308	Unsuccessful mating	
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10309		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10310		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10311		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 10312		
Finding absent :	Testis, Epididymis, Other organs & tissues			

Necropsy findings			Stage : Day 29	Species : Rat
Sex : Male				
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10402		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10403		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10405		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10407		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10408		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10409		
Finding absent :	Testis, Epididymis, Other organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10410	Infertility	
Finding absent :	Testis, Epididymis, Other organs & tissues			

Necropsy findings		Sex : Female	Stage : Lactation Day 5	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50151		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50152	Unsuccessful mating	
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50153		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50154		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50155		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50156		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50157		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50158		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50159		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50160		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50161		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50162		
Finding absent :	All organs & tissues			

Necropsy findings			Stage : Lactation Day 5	Species : Rat
Sex : Female				
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50251		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50252		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50253		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50254		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50255		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50256		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50257		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50258		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50259		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50260		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50261		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 50262		
Finding absent :	All organs & tissues			

Necropsy findings				
Sex : Female			Stage : Lactation Day 5	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50351		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50352		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50353		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50354		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50355		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50356		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50357		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50358	Unsuccessful mating	
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50359		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50360		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50361		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 300 mg/kg	Animal No. : 50362		
Finding absent :	All organs & tissues			

Necropsy findings				
Sex : Female			Stage : Lactation Day 5	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50451		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50452		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50453		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50454		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50455		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50456	Total litter loss	
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50457		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50458		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50459		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50460	Non-pregnancy	
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50461		
Finding absent :	All organs & tissues			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50462		
Finding absent :	All organs & tissues			

Necropsy findings			
Sex : Female (satellite)		Stage : Day 29	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50551	
Finding absent :	All organs & tissues		
Estrous cycle :	Estrus		
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50552	
Finding absent :	All organs & tissues		
Estrous cycle :	Estrus		
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50553	
Finding absent :	All organs & tissues		
Estrous cycle :	Diestrus		
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50554	
Finding absent :	All organs & tissues		
Estrous cycle :	Diestrus		
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50555	
Finding absent :	All organs & tissues		
Estrous cycle :	Diestrus		

Necropsy findings			Stage : Day 29	Species : Rat
Sex : Female (satellite)				
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50651		
Finding absent :	All organs & tissues			
Estrous cycle :	Estrus			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50652		
Finding absent :	All organs & tissues			
Estrous cycle :	Proestrus			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50653		
Finding absent :	All organs & tissues			
Estrous cycle :	Proestrus			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50654		
Finding absent :	All organs & tissues			
Estrous cycle :	Proestrus			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50655		
Finding absent :	All organs & tissues			
Estrous cycle :	Proestrus			

Necropsy findings		
Sex : Male	Stage : Recovery Day 15	Species : Rat
Test article : 2,6-Naphthalic Acid Dose : 0 mg/kg	Animal No. : 10106	
Finding absent : All organs & tissues		
Test article : 2,6-Naphthalic Acid Dose : 0 mg/kg	Animal No. : 10107	
Finding absent : All organs & tissues		
Test article : 2,6-Naphthalic Acid Dose : 0 mg/kg	Animal No. : 10110	
Finding absent : All organs & tissues		
Test article : 2,6-Naphthalic Acid Dose : 0 mg/kg	Animal No. : 10111	
Finding absent : All organs & tissues		
Test article : 2,6-Naphthalic Acid Dose : 0 mg/kg	Animal No. : 10112	
Finding absent : All organs & tissues		

Necropsy findings		
Sex : Male	Stage : Recovery Day 15	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10401
Finding absent :	All organs & tissues	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10404
Finding absent :	All organs & tissues	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10406
Finding absent :	All organs & tissues	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10411
Finding absent :	All organs & tissues	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10412
Finding absent :	All organs & tissues	

Necropsy findings		Species : Rat	
Test article	Dose	Animal No.	Stage
2,6-Naphthalic Acid	0 mg/kg	50556	Recovery Day 15
Finding absent :	All organs & tissues		
Estrous cycle :	Metestrus		
2,6-Naphthalic Acid	0 mg/kg	50557	
Finding absent :	All organs & tissues		
Estrous cycle :	Diestrus		
2,6-Naphthalic Acid	0 mg/kg	50558	
Finding absent :	All organs & tissues		
Estrous cycle :	Diestrus		
2,6-Naphthalic Acid	0 mg/kg	50559	
Finding absent :	All organs & tissues		
Estrous cycle :	Metestrus		
2,6-Naphthalic Acid	0 mg/kg	50560	
Finding absent :	All organs & tissues		
Estrous cycle :	Estrus		

Necropsy findings		Species : Rat
Sex : Female (satellite)		Stage : Recovery Day 15
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50656
Finding absent :	All organs & tissues	
Estrous cycle :	Estrus	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50657
Finding absent :	All organs & tissues	
Estrous cycle :	Metestrus	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50658
Finding absent :	All organs & tissues	
Estrous cycle :	Metestrus	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50659
Finding absent :	All organs & tissues	
Estrous cycle :	Diestrus	
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50660
Finding absent :	All organs & tissues	
Estrous cycle :	Proestrus	

Organ weight Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat	
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
10101	483	13.00	2.69	3.17	0.66	1.54	0.32	726	150.31
10102	493	13.02	2.64	3.28	0.67	1.55	0.31	871	176.67
10103	528	12.75	2.41	3.45	0.65	1.77	0.34	845	160.04
10104	565	14.81	2.62	4.04	0.72	1.61	0.28	962	170.27
10105	500	11.75	2.35	3.17	0.63	1.60	0.32	733	146.60
10108	487	13.81	2.84	3.28	0.67	1.48	0.30	1060	217.66
10109	629	20.45	3.25	3.80	0.60	1.89	0.30	1006	159.94
n	7	7	7	7	7	7	7	7	7
Mean	526.4	14.227	2.686	3.456	0.657	1.634	0.310	886.1	168.784
S.D.	53.6	2.902	0.299	0.338	0.037	0.145	0.019	130.0	23.949
		Thymus		Adrenal		Pituitary gland		Thyroid	
Animal No.		AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
		288	59.63	48	9.94	10.7	2.22	27.4	5.67
10101		288	59.63	48	9.94	10.7	2.22	27.4	5.67
10102		310	62.88	77	15.62	14.5	2.94	22.3	4.52
10103		378	71.59	68	12.88	10.8	2.05	21.3	4.03
10104		339	60.00	86	15.22	17.8	3.15	26.1	4.62
10105		341	68.20	85	17.00	13.7	2.74	19.5	3.90
10108		379	77.82	64	13.14	11.3	2.32	22.2	4.56
10109		342	54.37	62	9.86	11.9	1.89	22.9	3.64
n	7	7	7	7	7	7	7	7	7
Mean	339.6	64.927	70.0	13.380	12.96	2.473	23.10	4.420	3.507
S.D.	33.1	8.055	13.7	2.770	2.58	0.475	2.74	0.666	0.279
		Epididymis		Prostate		Seminal vesicle		Brain	
Animal No.		AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g	RE g/100g
		1.19	0.25	668	138.30	2.38	0.49	2.11	0.44
10101		1.19	0.25	668	138.30	2.38	0.49	2.11	0.44
10102		1.16	0.24	592	120.08	2.09	0.42	2.32	0.47
10103		1.26	0.24	667	126.33	1.81	0.34	2.28	0.43
10104		1.30	0.23	886	156.81	1.98	0.35	2.33	0.41
10105		1.26	0.25	763	152.60	2.06	0.41	2.16	0.43
10108		1.19	0.24	629	129.16	1.58	0.32	2.26	0.46
10109		1.10	0.17	697	110.81	1.63	0.26	2.29	0.36
n	7	7	7	7	7	7	7	7	7
Mean	1.209	0.231	700.3	133.441	1.933	0.370	2.250	0.429	
S.D.	0.069	0.028	97.8	16.814	0.281	0.076	0.083	0.036	

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

Animal No.	Sex : Male Body weight g	Stage : Day 29 Dose : 2,6-Naphthalic Acid 100 mg/kg						Species : Rat	
		Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
10201	499	13.86	2.78	3.70	0.74	1.55	0.31	1009	202.20
10202	493	12.79	2.59	3.63	0.74	1.60	0.32	792	160.65
10203	511	12.54	2.45	4.12	0.81	1.62	0.32	853	166.93
10204	486	12.77	2.63	3.27	0.67	1.57	0.32	759	156.17
10205	543	15.52	2.86	3.26	0.60	1.64	0.30	859	158.20
10206	556	14.16	2.55	3.21	0.58	1.68	0.30	980	176.26
10207	497	12.40	2.49	3.41	0.69	1.31	0.26	896	180.28
10208	475	11.05	2.33	3.42	0.72	1.36	0.29	798	168.00
10209	465	12.48	2.68	3.83	0.82	1.59	0.34	852	183.23
10210	506	13.98	2.76	3.77	0.75	1.38	0.27	811	160.28
10211	514	12.93	2.52	3.65	0.71	1.40	0.27	761	148.05
10212	526	15.21	2.89	4.01	0.76	1.62	0.31	856	162.74
n	12	12	12	12	12	12	12	12	12
Mean	505.9	13.308	2.628	3.607	0.716	1.527	0.301	852.2	168.583
S.D.	26.5	1.275	0.172	0.298	0.073	0.127	0.024	78.7	14.749

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB g	RE g/100g
10201	524	105.01	65	13.03	11.4	2.28	16.2	3.25	3.50	0.70
10202	316	64.10	75	15.21	11.7	2.37	22.6	4.58	3.69	0.75
10203	229	44.81	114	22.31	13.9	2.72	16.5	3.23	3.68	0.72
10204	283	58.23	59	12.14	14.2	2.92	17.2	3.54	2.76	0.57
10205	434	79.93	63	11.60	13.2	2.43	24.9	4.59	3.09	0.57
10206	436	78.42	75	13.49	14.8	2.66	28.8	5.18	3.25	0.58
10207	371	74.65	77	15.49	14.7	2.96	24.9	5.01	3.57	0.72
10208	287	60.42	77	16.21	12.1	2.55	22.0	4.63	4.06	0.85
10209	433	93.12	93	20.00	10.8	2.32	20.2	4.34	3.07	0.66
10210	342	67.59	67	13.24	12.5	2.47	14.7	2.91	3.55	0.70
10211	320	62.26	85	16.54	13.4	2.61	19.9	3.87	2.42	0.47
10212	222	42.21	101	19.20	13.3	2.53	18.4	3.50	3.77	0.72
n	12	12	12	12	12	12	12	12	12	12
Mean	349.8	69.229	79.3	15.705	13.00	2.568	20.53	4.053	3.368	0.668
S.D.	92.3	18.295	16.4	3.347	1.31	0.218	4.24	0.763	0.465	0.103

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

Organ weight Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 100 mg/kg				Species : Rat	
Animal No.	Epididymis		Prostate		Seminal vesicle		Brain
	AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g
10201	1.40	0.28	804	161.12	1.81	0.36	2.25
10202	1.39	0.28	883	179.11	2.51	0.51	2.20
10203	1.36	0.27	1071	209.59	2.09	0.41	2.31
10204	1.16	0.24	735	151.23	1.98	0.41	2.11
10205	1.24	0.23	835	153.78	1.95	0.36	2.20
10206	1.30	0.23	878	157.91	1.78	0.32	2.35
10207	1.32	0.27	709	142.66	2.13	0.43	2.37
10208	1.38	0.29	785	165.26	2.01	0.42	2.29
10209	1.21	0.26	932	200.43	1.72	0.37	2.25
10210	1.24	0.25	722	142.69	1.59	0.31	2.15
10211	1.02	0.20	650	126.46	2.17	0.42	2.41
10212	1.31	0.25	938	178.33	2.07	0.39	2.15
n	12	12	12	12	12	12	12
Mean	1.278	0.254	828.5	164.048	1.984	0.393	2.253
S.D.	0.111	0.026	119.0	24.257	0.243	0.054	0.095
AB : Absolute weight, RE : Relative weight by body weight							

Animal No.	Sex : Male Body weight g	Stage : Day 29 Dose : 2,6-Naphthalic Acid 300 mg/kg						Species : Rat	
		Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
10301	541	14.26	2.64	3.54	0.65	1.65	0.30	836	154.53
10302	510	12.56	2.46	3.78	0.74	1.75	0.34	862	169.02
10303	480	11.61	2.42	3.31	0.69	1.42	0.30	793	165.21
10304	579	15.16	2.62	3.46	0.60	1.46	0.25	815	140.76
10305	520	14.16	2.72	4.04	0.78	1.72	0.33	891	171.35
10306	514	12.66	2.46	3.38	0.66	1.57	0.31	899	174.90
10307	529	15.34	2.90	3.42	0.65	1.80	0.34	868	164.08
10308	455	12.50	2.75	3.07	0.67	1.39	0.31	850	186.81
10309	505	13.98	2.77	3.81	0.75	1.90	0.38	830	164.36
10310	458	11.59	2.53	3.18	0.69	1.42	0.31	711	155.24
10311	483	12.41	2.57	3.61	0.75	1.76	0.36	743	153.83
10312	566	15.90	2.81	3.74	0.66	1.78	0.31	891	157.42
n	12	12	12	12	12	12	12	12	12
Mean	511.7	13.511	2.638	3.528	0.691	1.635	0.320	832.4	163.126
S.D.	38.9	1.481	0.154	0.282	0.053	0.176	0.033	59.1	11.924

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB g	RE g/100g
10301	360	66.54	77	14.23	11.9	2.20	20.1	3.72	4.07	0.75
10302	320	62.75	67	13.14	9.7	1.90	12.6	2.47	3.29	0.65
10303	368	76.67	68	14.17	10.4	2.17	15.6	3.25	3.48	0.73
10304	327	56.48	58	10.02	12.2	2.11	24.3	4.20	3.25	0.56
10305	336	64.62	61	11.73	14.8	2.85	31.3	6.02	3.20	0.62
10306	145	28.21	89	17.32	13.3	2.59	23.4	4.55	3.54	0.69
10307	371	70.13	76	14.37	13.3	2.51	24.0	4.54	3.41	0.64
10308	284	62.42	57	12.53	12.3	2.70	20.8	4.57	3.70	0.81
10309	293	58.02	79	15.64	11.9	2.36	26.6	5.27	4.05	0.80
10310	305	66.59	65	14.19	9.5	2.07	18.5	4.04	3.57	0.78
10311	337	69.77	69	14.29	12.1	2.51	26.0	5.38	3.10	0.64
10312	351	62.01	61	10.78	10.5	1.86	29.1	5.14	3.81	0.67
n	12	12	12	12	12	12	12	12	12	12
Mean	316.4	62.018	68.9	13.534	11.83	2.319	22.69	4.429	3.539	0.695
S.D.	60.9	11.981	9.7	2.038	1.58	0.317	5.45	0.983	0.319	0.079

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

Organ weight Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 300 mg/kg				Species : Rat	
Animal No.	Epididymis		Prostate		Seminal vesicle		Brain
	AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g
10301	1.40	0.26	644	119.04	1.98	0.37	2.13
10302	1.41	0.28	764	149.80	2.15	0.42	2.24
10303	1.42	0.30	942	196.25	2.78	0.58	2.23
10304	1.26	0.22	388	67.01	2.01	0.35	2.14
10305	1.22	0.23	903	173.65	2.14	0.41	2.34
10306	1.31	0.25	696	135.41	1.91	0.37	2.35
10307	1.24	0.23	668	126.28	1.84	0.35	2.21
10308	1.32	0.29	933	205.05	1.86	0.41	2.17
10309	1.46	0.29	988	195.64	2.48	0.49	2.39
10310	1.31	0.29	700	152.84	2.79	0.61	2.21
10311	1.33	0.28	665	137.68	1.75	0.36	2.35
10312	1.49	0.26	1007	177.92	2.05	0.36	2.31
n	12	12	12	12	12	12	12
Mean	1.348	0.265	774.8	153.048	2.145	0.423	2.256
S.D.	0.088	0.027	183.6	39.613	0.353	0.090	0.038

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

Organ weight Sex : Male		Stage : Day 29 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat	
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
10402	490	11.72	2.39	3.19	0.65	1.71	0.35	808	164.90
10403	501	13.88	2.77	3.27	0.65	1.42	0.28	824	164.47
10405	494	13.79	2.79	3.54	0.72	1.45	0.29	755	152.83
10407	460	11.71	2.55	3.36	0.73	1.39	0.30	688	149.57
10408	578	17.88	3.09	3.66	0.63	1.78	0.31	716	123.88
10409	495	13.13	2.65	3.59	0.73	1.49	0.30	777	156.97
10410	545	14.94	2.74	4.23	0.78	1.63	0.30	940	172.48
n	7	7	7	7	7	7	7	7	7
Mean	509.0	13.864	2.711	3.549	0.699	1.553	0.304	786.9	155.014
S.D.	39.4	2.124	0.219	0.346	0.056	0.153	0.022	82.9	15.810
		Thymus		Adrenal		Pituitary gland		Thyroid	
Animal No.		AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
		305	62.24	66	13.47	12.0	2.45	20.6	4.20
10402		305	62.24	66	13.47	12.0	2.45	20.6	3.20
10403		500	99.80	76	15.17	10.4	2.08	19.1	2.75
10405		346	70.04	64	12.96	12.5	2.53	21.4	4.33
10407		337	73.26	56	12.17	13.9	3.02	17.3	3.45
10408		380	65.74	66	11.42	13.0	2.25	22.5	3.56
10409		374	75.56	53	10.71	12.1	2.44	22.8	3.87
10410		395	72.48	89	16.33	13.9	2.55	22.1	3.47
n		7	7	7	7	7	7	7	7
Mean		376.7	74.160	67.1	13.176	12.54	2.474	20.83	4.094
S.D.		62.2	12.199	12.2	2.010	1.22	0.293	2.00	0.308
		Epididymis		Prostate		Seminal vesicle		Brain	
Animal No.		AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g	RE g/100g
		1.09	0.22	615	125.51	2.15	0.44	2.11	0.43
10402		1.09	0.22	615	125.51	2.15	0.44	2.12	0.42
10403		1.00	0.20	759	151.50	2.18	0.44	2.27	0.46
10405		1.27	0.26	590	119.43	2.64	0.53	2.25	0.49
10407		1.31	0.28	795	172.83	2.41	0.52	2.25	0.39
10408		1.20	0.21	665	115.05	2.18	0.38	2.25	0.45
10409		1.36	0.27	799	161.41	2.24	0.45	2.42	0.44
10410		1.32	0.24	872	160.00	1.91	0.35	2.25	0.32
n		7	7	7	7	7	7	7	7
Mean		1.221	0.240	727.9	143.676	2.244	0.444	2.239	0.440
S.D.		0.133	0.031	105.7	23.200	0.228	0.066	0.104	0.032

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

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat	
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
50151	353	11.13	3.15	2.46	0.70	1.06	0.30	730	206.80
50152	298 \$	7.62 \$	2.56 \$	2.04 \$	0.68 \$	1.14 \$	0.38 \$	776 \$	260.40 \$
50153	369	12.05	3.27	2.13	0.58	1.16	0.31	966	261.79
50154	332	10.84	3.27	2.17	0.65	1.06	0.32	881	265.36
50155	358	9.07	2.53	1.98	0.55	0.99	0.28	676	188.83
50156	362	11.68	3.23	2.40	0.66	1.18	0.33	747	206.35
50157	358	12.05	3.37	2.35	0.66	1.13	0.32	687	191.90
50158	310	11.20	3.61	2.27	0.73	1.06	0.34	776	250.32
50159	280	9.40	3.36	2.05	0.73	1.09	0.39	610	217.86
50160	292	11.03	3.78	2.25	0.77	1.03	0.35	742	254.11
50161	297	9.80	3.30	2.16	0.73	0.95	0.32	644	216.84
50162	328	10.81	3.30	2.48	0.76	1.05	0.32	637	194.21
n	11	11	11	11	11	11	11	11	11
Mean	330.8	10.824	3.288	2.245	0.684	1.069	0.325	736.0	223.125
S.D.	31.7	1.008	0.309	0.165	0.071	0.069	0.028	107.6	29.293

		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
Animal No.	AB mg	AB	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
50151	380	107.65	75	21.25	19.0	5.38	21.6	6.12	136	38.53	
50152	259 \$	86.91 \$	67 \$	22.48 \$	18.7 \$	6.28 \$	12.7 \$	4.26 \$	104 \$	34.90 \$	
50153	310	84.01	94	25.47	16.8	4.55	12.6	3.41	114	30.89	
50154	301	90.66	75	22.59	14.7	4.43	16.9	5.09	124	37.35	
50155	183	51.12	68	18.99	18.7	5.22	14.7	4.11	107	29.89	
50156	403	111.33	87	24.03	17.5	4.83	13.7	3.78	149	41.16	
50157	261	72.91	90	25.14	19.5	5.45	17.2	4.80	119	33.24	
50158	264	85.16	87	28.06	18.6	6.00	17.9	5.77	120	38.71	
50159	230	82.14	90	32.14	16.9	6.04	14.0	5.00	125	44.64	
50160	208	71.23	65	22.26	20.3	6.95	17.4	5.96	109	37.33	
50161	242	81.48	75	25.25	15.9	5.35	11.6	3.91	102	34.34	
50162	427	130.18	88	26.83	19.0	5.79	16.1	4.91	120	36.59	
n	11	11	11	11	11	11	11	11	11	11	11
Mean	291.7	87.988	81.3	24.728	17.90	5.454	15.79	4.805	120.5	36.606	
S.D.	81.1	21.648	9.9	3.572	1.69	0.729	2.84	0.917	13.4	4.344	

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

\$: Excepted data from calculation (Animal No. 50152: Unsuccessful mating)

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 0 mg/kg		Species : Rat
Animal No.	Uterus		Brain	
	AB mg	RE mg/100g	AB g	RE g/100g
50151	715	202.55	1.98	0.56
50152	792 \$	265.77 \$	2.12 \$	0.71 \$
50153	711	192.68	2.13	0.58
50154	682	205.42	1.91	0.58
50155	729	203.63	2.11	0.59
50156	684	188.95	2.11	0.58
50157	787	219.83	2.01	0.56
50158	777	250.65	2.07	0.67
50159	612	218.57	2.14	0.76
50160	664	227.40	2.02	0.69
50161	657	221.21	2.06	0.69
50162	664	202.44	2.20	0.67
n	11	11	11	11
Mean	698.4	212.121	2.067	0.630
S.D.	52.4	17.660	0.083	0.068

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

\$: Excepted data from calculation (Animal No. 50152: Unsuccessful mating)

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 100 mg/kg						Species : Rat	
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
50251	358	13.01	3.63	2.66	0.74	1.26	0.35	883	246.65
50252	309	10.32	3.34	2.14	0.69	1.02	0.33	738	238.83
50253	332	11.09	3.34	2.42	0.73	1.11	0.33	666	200.60
50254	311	10.42	3.35	2.42	0.78	1.13	0.36	1131	363.67
50255	357	11.22	3.14	2.37	0.66	1.04	0.29	631	176.75
50256	308	11.88	3.86	2.54	0.82	1.19	0.39	1072	348.05
50257	372	11.37	3.06	2.76	0.74	1.28	0.34	841	226.08
50258	299	9.09	3.04	2.15	0.72	0.99	0.33	759	253.85
50259	320	10.38	3.24	2.40	0.75	0.98	0.31	768	240.00
50260	297	10.66	3.59	2.54	0.86	1.10	0.37	845	284.51
50261	315	10.02	3.18	2.39	0.76	1.08	0.34	526	166.98
50262	339	12.07	3.56	2.50	0.74	1.13	0.33	762	224.78
n	12	12	12	12	12	12	12	12	12
Mean	326.4	10.961	3.361	2.441	0.749	1.109	0.339	801.8	247.563
S.D.	25.0	1.046	0.253	0.180	0.053	0.097	0.026	171.5	60.160

		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
Animal No.	AB mg	AB	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
50251	179	50.00	89	24.86	11.6	3.24	10.9	3.04	99	27.65	
50252	287	92.88	75	24.27	18.6	6.02	16.1	5.21	90	29.13	
50253	217	65.36	93	28.01	24.1	7.26	25.9	7.80	139	41.87	
50254	189	60.77	88	28.30	12.6	4.05	12.0	3.86	91	29.26	
50255	250	70.03	64	17.93	17.9	5.01	16.6	4.65	145	40.62	
50256	262	85.06	96	31.17	19.4	6.30	17.6	5.71	122	39.61	
50257	278	74.73	81	21.77	18.7	5.03	13.7	3.68	132	35.48	
50258	293	97.99	72	24.08	17.9	5.99	14.3	4.78	101	33.78	
50259	286	89.38	68	21.25	18.4	5.75	16.6	5.19	134	41.88	
50260	144	48.48	100	33.67	18.4	6.20	17.6	5.93	136	45.79	
50261	257	81.59	86	27.30	19.3	6.13	13.2	4.19	104	33.02	
50262	361	106.49	74	21.83	17.9	5.28	19.7	5.81	120	35.40	
n	12	12	12	12	12	12	12	12	12	12	12
Mean	250.3	76.897	82.2	25.370	17.90	5.522	16.18	4.988	117.8	36.124	
S.D.	59.5	18.578	11.6	4.500	3.19	1.083	3.99	1.267	19.8	5.845	

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

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 100 mg/kg		Species : Rat
Animal No.	Uterus	Brain		
	AB mg	RE mg/100g	AB g	RE g/100g
50251	974	272.07	2.01	0.56
50252	758	245.31	2.07	0.67
50253	800	240.96	2.15	0.65
50254	790	254.02	2.13	0.68
50255	623	174.51	1.88	0.53
50256	691	224.35	2.13	0.69
50257	864	232.26	2.15	0.58
50258	748	250.17	2.13	0.71
50259	659	205.94	2.07	0.65
50260	787	264.98	2.05	0.69
50261	761	241.59	2.04	0.65
50262	648	191.15	2.06	0.61
n	12	12	12	12
Mean	758.6	233.109	2.073	0.639
S.D.	98.3	29.472	0.077	0.057

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

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 300 mg/kg						Species : Rat	
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
50351	337	11.03	3.27	2.34	0.69	1.10	0.33	821	243.62
50352	334	12.61	3.78	2.27	0.68	1.09	0.33	708	211.98
50353	332	11.29	3.40	2.17	0.65	1.08	0.33	795	239.46
50354	323	11.66	3.61	2.31	0.72	1.11	0.34	871	269.66
50355	297	10.08	3.39	2.53	0.85	0.97	0.33	1048	352.86
50356	296	9.06	3.06	2.06	0.70	0.93	0.31	495	167.23
50357	321	10.38	3.23	2.14	0.67	1.12	0.35	767	238.94
50358	267 \$	6.75 \$	2.53 \$	1.94 \$	0.73 \$	0.93 \$	0.35 \$	484 \$	181.27 \$
50359	365	11.91	3.26	2.27	0.62	1.29	0.35	837	229.32
50360	288	10.51	3.65	2.11	0.73	0.94	0.33	628	218.06
50361	295	9.81	3.33	1.95	0.66	1.02	0.35	712	241.36
50362	333	10.78	3.24	2.26	0.68	1.10	0.33	725	217.72
n	11	11	11	11	11	11	11	11	11
Mean	320.1	10.829	3.384	2.219	0.695	1.068	0.335	764.3	239.110
S.D.	23.6	1.016	0.214	0.156	0.060	0.102	0.012	141.4	45.604

		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
Animal No.	AB mg	AB	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
50351	261	77.45	99	29.38	16.9	5.01	15.7	4.66	125	37.09	
50352	374	111.98	80	23.95	21.5	6.44	20.2	6.05	116	34.73	
50353	268	80.72	80	24.10	18.1	5.45	15.3	4.61	111	33.43	
50354	230	71.21	102	31.58	19.5	6.04	17.8	5.51	126	39.01	
50355	226	76.09	74	24.92	18.9	6.36	22.1	7.44	127	42.76	
50356	229	77.36	91	30.74	13.7	4.63	14.1	4.76	95	32.09	
50357	195	60.75	69	21.50	18.2	5.67	17.7	5.51	93	28.97	
50358	313 \$	117.23 \$	73 \$	27.34 \$	15.2 \$	5.69 \$	11.2 \$	4.19 \$	109 \$	40.82 \$	
50359	251	68.77	101	27.67	21.2	5.81	13.3	3.64	154	42.19	
50360	231	80.21	76	26.39	17.2	5.97	16.5	5.73	103	35.76	
50361	290	98.31	89	30.17	16.3	5.53	13.5	4.58	104	35.25	
50362	252	75.68	89	26.73	14.2	4.26	17.3	5.20	128	38.44	
n	11	11	11	11	11	11	11	11	11	11	11
Mean	255.2	79.866	86.4	27.012	17.79	5.561	16.68	5.245	116.5	36.338	
S.D.	46.8	14.070	11.4	3.223	2.51	0.690	2.75	0.992	17.9	4.153	

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

\$: Excepted data from calculation (Animal No. 50358: Unsuccessful mating)

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 300 mg/kg		Species : Rat
Animal No.	Uterus		Brain	
	AB mg	RE mg/100g	AB g	RE g/100g
50351	699	207.42	2.06	0.61
50352	673	201.50	2.09	0.63
50353	668	201.20	2.12	0.64
50354	850	263.16	2.03	0.63
50355	781	262.96	2.06	0.69
50356	536	181.08	1.95	0.66
50357	744	231.78	2.09	0.65
50358	553 \$	207.12 \$	1.95 \$	0.73 \$
50359	716	196.16	2.24	0.61
50360	706	245.14	2.08	0.72
50361	549	186.10	2.06	0.70
50362	683	205.11	2.09	0.63
n	11	11	11	11
Mean	691.4	216.510	2.079	0.652
S.D.	90.7	29.416	0.069	0.037

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

\$: Excepted data from calculation (Animal No. 50358: Unsuccessful mating)

Animal No.	Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat	
	Body weight g	Liver		Kidney		Heart		Spleen		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50451	301	9.58	3.18	2.12	0.70	1.03	0.34	738	245.18	
50452	333	10.78	3.24	2.09	0.63	1.22	0.37	843	253.15	
50453	321	10.77	3.36	2.49	0.78	1.01	0.31	732	228.04	
50454	346	11.51	3.33	2.25	0.65	1.17	0.34	716	206.94	
50455	334	11.31	3.39	2.24	0.67	1.11	0.33	636	190.42	
50456	335 \$	8.12 \$	2.42 \$	2.24 \$	0.67 \$	1.03 \$	0.31 \$	525 \$	156.72 \$	
50457	287	9.34	3.25	2.03	0.71	1.02	0.36	684	238.33	
50458	316	10.87	3.44	2.45	0.78	1.09	0.34	632	200.00	
50459	307	10.01	3.26	1.99	0.65	1.11	0.36	704	229.32	
50460	245 \$	6.40 \$	2.61 \$	1.75 \$	0.71 \$	0.84 \$	0.34 \$	543 \$	221.63 \$	
50461	275	9.48	3.45	2.16	0.79	0.97	0.35	672	244.36	
50462	354	12.65	3.57	2.59	0.73	1.21	0.34	762	215.25	
n	10	10	10	10	10	10	10	10	10	
Mean	317.4	10.630	3.347	2.241	0.709	1.094	0.344	711.9	225.099	
S.D.	25.4	1.048	0.119	0.205	0.060	0.087	0.017	62.7	21.140	

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g
50451	304	101.00	97	32.23	16.9	5.61	17.9	5.95	126	41.86
50452	375	112.61	79	23.72	20.8	6.25	14.7	4.41	150	45.05
50453	179	55.76	72	22.43	14.0	4.36	11.8	3.68	97	30.22
50454	203	58.67	71	20.52	18.6	5.38	16.5	4.77	109	31.50
50455	301	90.12	70	20.96	23.0	6.89	13.8	4.13	119	35.63
50456	318 \$	94.93 \$	70 \$	20.90 \$	11.7 \$	3.49 \$	15.3 \$	4.57 \$	109 \$	32.54 \$
50457	260	90.59	77	26.83	15.8	5.51	18.2	6.34	90	31.36
50458	246	77.85	117	37.03	18.8	5.95	18.5	5.85	122	38.61
50459	270	87.95	61	19.87	14.5	4.72	16.3	5.31	87	28.34
50460	170 \$	69.39 \$	73 \$	29.80 \$	15.2 \$	6.20 \$	13.1 \$	5.35 \$	104 \$	42.45 \$
50461	250	90.91	74	26.91	17.1	6.22	15.0	5.45	110	40.00
50462	359	101.41	90	25.42	20.6	5.82	18.7	5.28	139	39.27
n	10	10	10	10	10	10	10	10	10	10
Mean	274.7	86.687	80.8	25.592	18.01	5.671	16.14	5.117	114.9	36.184
S.D.	62.1	18.134	16.3	5.494	2.90	0.742	2.29	0.854	20.5	5.612

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

\$: Excepted data from calculation (Animal No. 50456: Total litter loss, Animal No. 50460: Non-pregnancy)

Organ weight Sex : Female		Stage : Lactation Day 5 Dose : 2,6-Naphthalic Acid 1000 mg/kg		Species : Rat
Animal No.	Uterus		Brain	
	AB mg	RE mg/100g	AB g	RE g/100g
50451	750	249.17	2.14	0.71
50452	613	184.08	2.15	0.65
50453	883	275.08	1.94	0.60
50454	758	219.08	2.12	0.61
50455	770	230.54	2.08	0.62
50456	507 \$	151.34 \$	2.04 \$	0.61 \$
50457	652	227.18	1.96	0.68
50458	647	204.75	2.09	0.66
50459	631	205.54	2.01	0.65
50460	472 \$	192.65 \$	2.15 \$	0.88 \$
50461	769	279.64	2.03	0.74
50462	735	207.63	2.08	0.59
n	10	10	10	10
Mean	720.8	228.269	2.060	0.651
S.D.	83.9	31.281	0.073	0.049

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

\$: Excepted data from calculation (Animal No. 50456: Total litter loss, Animal No. 50460: Non-pregnancy)

Organ weight Sex : Female (satellite)		Stage : Day 29 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat		
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50551	265	7.04	2.66	1.92	0.72	0.88	0.33	463	174.72	
50552	253	6.51	2.57	2.06	0.81	0.85	0.34	496	196.05	
50553	273	6.72	2.46	1.70	0.62	0.82	0.30	455	166.67	
50554	271	7.28	2.69	1.87	0.69	0.89	0.33	484	178.60	
50555	298	7.35	2.47	2.09	0.70	0.99	0.33	464	155.70	
n	5	5	5	5	5	5	5	5	5	
Mean	272.0	6.980	2.570	1.928	0.708	0.886	0.326	472.4	174.348	
S.D.	16.5	0.360	0.106	0.157	0.068	0.064	0.015	17.0	14.966	
Thymus		Adrenal		Pituitary gland		Thyroid		Ovary		
Animal No.	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	
50551	447	168.68	70	26.42	14.1	5.32	18.8	7.09	97	36.60
50552	379	149.80	75	29.64	15.8	6.25	10.6	4.19	106	41.90
50553	297	108.79	77	28.21	13.2	4.84	15.4	5.64	90	32.97
50554	300	110.70	76	28.04	17.9	6.61	16.8	6.20	125	46.13
50555	456	153.02	74	24.83	10.6	3.56	19.2	6.44	140	46.98
n	5	5	5	5	5	5	5	5	5	5
Mean	375.8	138.198	74.4	27.428	14.32	5.316	16.16	5.912	111.6	40.916
S.D.	76.6	26.946	2.7	1.847	2.75	1.210	3.47	1.094	20.6	6.056
Uterus		Brain								
Animal No.	AB mg	RE mg/100g	AB g	RE g/100g						
50551	513	193.58	1.99	0.75						
50552	559	220.95	2.09	0.83						
50553	477	174.73	2.06	0.75						
50554	526	194.10	2.08	0.77						
50555	402	134.90	2.18	0.73						
n	5	5	5	5						
Mean	495.4	183.652	2.080	0.766						
S.D.	59.9	31.840	0.068	0.038						

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

Organ weight Sex : Female (satellite)		Stage : Day 29 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat		
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50651	275	7.83	2.85	1.79	0.65	0.85	0.31	536	194.91	
50652	232	6.10	2.63	1.83	0.79	0.78	0.34	436	187.93	
50653	274	7.74	2.82	1.87	0.68	0.96	0.35	739	269.71	
50654	264	6.85	2.59	1.82	0.69	0.82	0.31	526	199.24	
50655	274	7.65	2.79	1.94	0.71	0.89	0.32	493	179.93	
n	5	5	5	5	5	5	5	5	5	
Mean	263.8	7.234	2.736	1.850	0.704	0.860	0.326	546.0	206.344	
S.D.	18.3	0.745	0.118	0.058	0.053	0.069	0.018	114.7	36.171	
Thymus		Adrenal		Pituitary gland		Thyroid		Ovary		
Animal No.	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	
50651	255	92.73	72	26.18	12.6	4.58	12.6	4.58	115	41.82
50652	240	103.45	73	31.47	12.7	5.47	10.6	4.57	98	42.24
50653	482	175.91	82	29.93	17.6	6.42	15.5	5.66	131	47.81
50654	314	118.94	69	26.14	15.3	5.80	18.4	6.97	93	35.23
50655	507	185.04	80	29.20	15.3	5.58	14.4	5.26	103	37.59
n	5	5	5	5	5	5	5	5	5	5
Mean	359.6	135.214	75.2	28.584	14.70	5.570	14.30	5.408	108.0	40.938
S.D.	126.5	42.478	5.5	2.360	2.09	0.664	2.95	0.989	15.2	4.834
Uterus		Brain								
Animal No.	AB mg	RE mg/100g	AB g	RE g/100g						
50651	573	208.36	1.87	0.68						
50652	954	411.21	2.04	0.88						
50653	937	341.97	2.13	0.78						
50654	791	299.62	2.11	0.80						
50655	887	323.72	2.03	0.74						
n	5	5	5	5						
Mean	828.4	316.976	2.036	0.776						
S.D.	156.2	73.568	0.102	0.074						

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

Organ weight Sex : Male		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat		
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
10106	539	13.69	2.54	3.58	0.66	1.45	0.27	898	166.60	
10107	526	13.31	2.53	3.54	0.67	1.72	0.33	898	170.72	
10110	541	13.68	2.53	3.69	0.68	1.58	0.29	964	178.19	
10111	585	16.07	2.75	3.75	0.64	1.76	0.30	818	139.83	
10112	566	13.51	2.39	3.81	0.67	1.59	0.28	803	141.87	
n	5	5	5	5	5	5	5	5	5	
Mean	551.4	14.052	2.548	3.674	0.664	1.620	0.294	876.2	159.442	
S.D.	23.7	1.139	0.129	0.113	0.015	0.123	0.023	66.0	17.488	
Thymus		Adrenal		Pituitary gland		Thyroid		Testis		
Animal No.	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB g	
10106	293	54.36	69	12.80	13.2	2.45	17.2	3.19	3.51	0.65
10107	332	63.12	83	15.78	15.4	2.93	21.4	4.07	3.32	0.63
10110	264	48.80	74	13.68	14.0	2.59	22.5	4.16	3.50	0.65
10111	394	67.35	59	10.09	12.8	2.19	32.8	5.61	3.40	0.58
10112	278	49.12	71	12.54	14.1	2.49	21.1	3.73	3.18	0.56
n	5	5	5	5	5	5	5	5	5	5
Mean	312.2	56.550	71.2	12.978	13.90	2.530	23.00	4.152	3.382	0.614
S.D.	52.3	8.365	8.7	2.056	1.00	0.268	5.83	0.899	0.137	0.042
Epididymis		Prostate		Seminal vesicle		Brain				
Animal No.	AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g	RE g/100g		
10106	1.23	0.23	969	179.78	2.65	0.49	2.21	0.41		
10107	1.32	0.25	844	160.46	2.12	0.40	2.07	0.39		
10110	1.50	0.28	576	106.47	2.33	0.43	2.29	0.42		
10111	1.33	0.23	1163	198.80	2.09	0.36	2.29	0.39		
10112	1.29	0.23	632	111.66	2.86	0.51	2.32	0.41		
n	5	5	5	5	5	5	5	5		
Mean	1.334	0.244	836.8	151.434	2.410	0.438	2.236	0.404		
S.D.	0.101	0.022	241.8	41.025	0.337	0.062	0.101	0.013		

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

Organ weight Sex : Male		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat	
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen	
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
10401	545	15.43	2.83	3.64	0.67	1.85	0.34	924	169.54
10404	558	14.00	2.51	3.83	0.69	1.77	0.32	819	146.77
10406	546	14.35	2.63	3.48	0.64	1.80	0.33	859	157.33
10411	534	13.20	2.47	3.56	0.67	1.67	0.31	945	176.97
10412	568	14.41	2.54	3.63	0.64	1.68	0.30	806	141.90
n	5	5	5	5	5	5	5	5	5
Mean	550.2	14.278	2.596	3.628	0.662	1.754	0.320	870.6	158.502
S.D.	13.1	0.805	0.143	0.130	0.022	0.078	0.016	62.0	14.812
Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
Animal No.	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB g
10401	334	61.28	65	11.93	13.1	2.40	22.1	4.06	3.60
10404	281	50.36	64	11.47	14.5	2.60	23.2	4.16	3.51
10406	303	55.49	79	14.47	12.8	2.34	19.1	3.50	2.91
10411	264	49.44	76	14.23	13.6	2.55	28.2	5.28	4.18
10412	375	66.02	80	14.08	15.0	2.64	25.5	4.49	3.17
n	5	5	5	5	5	5	5	5	5
Mean	311.4	56.518	72.8	13.236	13.80	2.506	23.62	4.298	3.474
S.D.	44.2	7.107	7.7	1.418	0.93	0.130	3.44	0.655	0.481
Epididymis		Prostate		Seminal vesicle		Brain			
Animal No.	AB g	RE g/100g	AB mg	RE mg/100g	AB g	RE g/100g	AB g	RE g/100g	
10401	1.49	0.27	773	141.83	3.04	0.56	2.33	0.43	
10404	1.42	0.25	1105	198.03	2.62	0.47	2.41	0.43	
10406	1.10	0.20	476	87.18	2.20	0.40	2.27	0.42	
10411	1.50	0.28	881	164.98	2.58	0.48	2.31	0.43	
10412	1.29	0.23	818	144.01	2.68	0.47	2.27	0.40	
n	5	5	5	5	5	5	5	5	
Mean	1.360	0.246	810.6	147.206	2.624	0.476	2.318	0.422	
S.D.	0.168	0.032	226.4	40.439	0.299	0.057	0.058	0.013	

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

Organ weight Sex : Female (satellite)		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 0 mg/kg						Species : Rat		
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50556	290	7.55	2.60	1.76	0.61	1.04	0.36	592	204.14	
50557	293	7.26	2.48	1.97	0.67	0.93	0.32	669	228.33	
50558	274	6.99	2.55	2.13	0.78	0.98	0.36	475	173.36	
50559	310	8.37	2.70	2.24	0.72	1.06	0.34	701	226.13	
50560	281	7.26	2.58	2.06	0.73	0.93	0.33	626	222.78	
n	5	5	5	5	5	5	5	5	5	
Mean	289.6	7.486	2.582	2.032	0.702	0.988	0.342	612.6	210.948	
S.D.	13.6	0.532	0.080	0.181	0.065	0.061	0.018	87.4	23.086	
Thymus		Adrenal		Pituitary gland		Thyroid		Ovary		
Animal No.	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	
50556	259	89.31	92	31.72	18.5	6.38	11.5	3.97	109	37.59
50557	306	104.44	79	26.96	20.1	6.86	15.7	5.36	95	32.42
50558	252	91.97	63	22.99	17.0	6.20	13.5	4.93	107	39.05
50559	376	121.29	71	22.90	18.5	5.97	18.7	6.03	133	42.90
50560	365	129.89	71	25.27	16.3	5.80	13.0	4.63	72	25.62
n	5	5	5	5	5	5	5	5	5	5
Mean	311.6	107.380	75.2	25.968	18.08	6.242	14.48	4.984	103.2	35.516
S.D.	57.8	17.838	11.0	3.634	1.48	0.410	2.80	0.773	22.2	6.686
Uterus		Brain								
Animal No.	AB mg	RE mg/100g	AB g	RE g/100g						
50556	593	204.48	2.07	0.71						
50557	698	238.23	2.24	0.76						
50558	439	160.22	2.02	0.74						
50559	566	182.58	2.07	0.67						
50560	641	228.11	2.07	0.74						
n	5	5	5	5						
Mean	587.4	202.724	2.094	0.724						
S.D.	97.0	32.096	0.084	0.035						

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

Organ weight Sex : Female (satellite)		Stage : Recovery Day 15 Dose : 2,6-Naphthalic Acid 1000 mg/kg						Species : Rat		
Animal No.	Body weight g	Liver		Kidney		Heart		Spleen		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50656	286	7.58	2.65	2.02	0.71	1.06	0.37	646	225.87	
50657	252	6.91	2.74	1.91	0.76	0.89	0.35	515	204.37	
50658	253	6.74	2.66	1.90	0.75	0.84	0.33	501	198.02	
50659	300	7.99	2.66	2.25	0.75	0.99	0.33	649	216.33	
50660	297	7.63	2.57	2.06	0.69	0.89	0.30	641	215.82	
n	5	5	5	5	5	5	5	5	5	
Mean	277.6	7.370	2.656	2.028	0.732	0.934	0.336	590.4	212.082	
S.D.	23.5	0.525	0.060	0.142	0.030	0.089	0.026	75.4	10.947	
Thymus		Adrenal		Pituitary gland		Thyroid		Ovary		
Animal No.	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	RE mg/100g	AB mg	
50656	273	95.45	105	36.71	18.0	6.29	14.5	5.07	85	29.72
50657	219	86.90	79	31.35	13.9	5.52	12.1	4.80	68	26.98
50658	230	90.91	83	32.81	11.5	4.55	16.3	6.44	102	40.32
50659	348	116.00	67	22.33	17.1	5.70	12.2	4.07	109	36.33
50660	421	141.75	80	26.94	15.7	5.29	21.1	7.10	85	28.62
n	5	5	5	5	5	5	5	5	5	5
Mean	298.2	106.202	82.8	30.028	15.24	5.470	15.24	5.496	89.8	32.394
S.D.	85.3	22.813	13.8	5.544	2.60	0.634	3.71	1.241	16.1	5.679
Uterus		Brain								
Animal No.	AB mg	RE mg/100g	AB g	RE g/100g						
50656	631	220.63	2.11	0.74						
50657	537	213.10	2.12	0.84						
50658	480	189.72	2.05	0.81						
50659	620	206.67	2.05	0.68						
50660	967	325.59	2.03	0.68						
n	5	5	5	5						
Mean	647.0	231.142	2.072	0.750						
S.D.	189.3	54.016	0.040	0.073						

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

Histopathological findings		Sex : Male	Stage : Day 29	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10101		
Prostate				
Findings : Finding present				
Inflammation, interstitium				
Slight				
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Parathyroid				
Findings : Finding absent				
Animal Comment : right parathyroid : missing				
Finding absent :	Lung, 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, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10102	Unsuccessful mating	
Prostate				
Findings : Finding present				
Inflammation, interstitium				
Slight				
Pituitary gland				
Findings : Finding present				
Cyst, pars distalis				
Slight				
Finding absent :	Lung, 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, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur			

Histopathological findings			Stage : Day 29	Species : Rat
Sex : Male	Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10103	
Lung	Findings : Finding present Aggregation, macrophage, alveolar Slight			
Kidney	Findings : Finding present Cast, hyaline Slight			
Prostate	Findings : Finding present Inflammation, interstitium Slight			
Finding absent :	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			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10104		
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10105		
Kidney	Findings : Finding present Basophilic change, renal tubule Slight			
Cyst	Slight			
Finding absent :	Lung, 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			

Histopathological findings			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10108	Stage : Day 29
Species : Rat			
Lung	Findings : Finding present Aggregation, macrophage, alveolar Slight		
Finding absent :	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		
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 10109	
Finding absent :	Lung, 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		

Histopathological findings			Stage : Day 29	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 100 mg/kg	Animal No. : 10211		
Testis				
Findings : Finding present				
Atrophy, seminiferous tubule				
Severe				
Epididymis				
Findings : Finding present				
Decrease, spermatozoa				
Severe				

Histopathological findings			Stage : Day 29	Species : Rat
Sex : Male				
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10402		
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10403		
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10405		
Prostate				
Findings : Finding present				
Inflammation, interstitium				
Slight				
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10407		
Lung				
Findings : Finding present				
Aggregation, macrophage, alveolar				
Slight				
Prostate				
Findings : Finding present				
Inflammation, interstitium				
Slight				
Pituitary gland				
Findings : Finding present				
Cyst, pars distalis				
Slight				
Finding absent :	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, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur			

Histopathological findings		Sex : Male	Stage : Day 29	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10408		
Kidney				
Findings : Finding present				
Basophilic change, renal tubule				
Slight				
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10409		
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 10410	Infertility	
Kidney				
Findings : Finding present				
Basophilic change, renal tubule				
Slight				
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Parathyroid				
Findings : Finding absent				
Animal Comment : right parathyroid : missing				
Finding absent :	Lung, 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, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur			

Histopathological findings				
Sex : Female		Stage : Lactation Day 5	Species : Rat	
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50151		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50152	Unsuccessful mating	
Lung				
Findings : Finding present				
Aggregation, macrophage, alveolar				
Slight				
Finding absent :	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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50153		
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50154		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50155		
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, 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			Stage : Lactation Day 5	Species : Rat
Sex : Female				
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50156		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50157		
Thyroid				
Findings :	Finding present			
Ultimobranchial body				
Slight				
Parathyroid				
Findings :	Finding absent			
Animal Comment :	right parathyroid : missing			
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50158		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50159		
Pituitary gland				
Findings :	Finding present			
Cyst, pars intermedia				
Slight				
Finding absent :	Lung, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland			

Histopathological findings			Stage : Lactation Day 5	Species : Rat
Sex : Female				
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50160		
Liver				
Findings : Finding present				
Microgranuloma				
Slight				
Kidney				
Findings : Finding present				
Cyst				
Slight				
Parathyroid				
Findings : Finding absent				
Animal Comment : right parathyroid : missing				
Finding absent :	Lung, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, 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, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50161		
Parathyroid				
Findings : Finding absent				
Animal Comment : left parathyroid : missing				
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50162		
Liver				
Findings : Finding present				
Microgranuloma				
Slight				
Finding absent :	Lung, 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			

Histopathological findings			Stage : Lactation Day 5	Species : Rat
Sex : Female				
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50451		
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50452		
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50453		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50454		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50455		
Finding absent :	Lung, 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			
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50456	Stage : Lactation Day 5
Species : Rat			
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50457	
Parathyroid			
Findings :	Finding absent		
Animal Comment :	right parathyroid : missing		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50458	
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50459	
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50460	Non-pregnancy
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50461	
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50462	
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50551		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50552		
Liver				
Findings : Finding present				
Microgranuloma				
Slight				
Kidney				
Findings : Finding present				
Mineralization, cortico-medullary junction				
Slight				
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50553		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50554	
<hr/>			
Liver			
Findings : Finding present			
Microgranuloma			
Slight			
<hr/>			
Parathyroid			
Findings : Finding absent			
Animal Comment : right parathyroid : missing			
<hr/>			
Finding absent :	Lung, 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, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland		
<hr/>			
Test article : 2,6-Naphthalic Acid	Dose : 0 mg/kg	Animal No. : 50555	
Parathyroid			
Findings : Finding absent			
Animal Comment : left parathyroid : missing			
<hr/>			
Finding absent :	Lung, 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		

Histopathological findings			Stage : Day 29	Species : Rat
Sex : Female (satellite)				
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50651		
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50652		
Thyroid				
Findings : Finding present				
Ultimobranchial body				
Slight				
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50653		
Liver				
Findings : Finding present				
Microgranuloma				
Slight				
Finding absent :	Lung, 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 : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50654		
Liver				
Findings : Finding present				
Microgranuloma				
Slight				
Finding absent :	Lung, 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			

Histopathological findings Sex : Female (satellite)			Stage : Day 29	Species : Rat
Test article : 2,6-Naphthalic Acid	Dose : 1000 mg/kg	Animal No. : 50655		
Lung				
Findings : Finding present				
Aggregation, macrophage, alveolar				
Slight				
Adrenal				
Findings : Finding present				
Mineralization, cortex				
Slight				
Finding absent :	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, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland			

Animal No.	Estrous cycles and copulation Generation : F0 /Before mating (day)														Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat		
	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	
	D	D	P	E	M	D	D	P	E	M	D	D	P	E	5	5				
50151															5.0	3	-			
50152	E	M	D	P	E	M	D	D	E	M	D	D	P	E	4	4	5	4.3	4	-
50153	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50154	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50155	M	D	P	E	M	D	P	E	M	D	D	E	M	D	4	4		4.0	3	-
50156	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50157	E	M	D	P	E	M	D	P	E	M	D	P	E	M	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	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50160	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50161	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50162	D	P	E	M	D	D	P	E	M	D	D	E	M	D	5	4		4.5	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Animal No.	Estrous cycles and copulation Generation : F0 /Before mating (day)														Dose : 2,6-Naphthalic Acid 100 mg/kg			Species : Rat		
	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	
	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4				
50251																	4.0	3	-	
50252	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50253	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50254	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50255	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4	4.0	3	-	
50256	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4	4.0	3	-	
50257	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4	4.0	3	-	
50258	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50259	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50260	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4	4.0	3	-	
50261	E	M	D	P	E	E	M	D	D	E	E	M	D	D	4	5	4.5	3	-	
50262	E	M	D	P	E	M	D	P	E	M	D	P	E	M	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

Animal No.	Estrous cycles and copulation Generation : F0 /Before mating (day)														Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat		
	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	
	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4				
50351																	4.0	3	-	
50352	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4.0	4	-	
50353	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4	4.0	3	-	
50354	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50355	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4.0	4	-	
50356	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4.0	4	-	
50357	M	D	P	E	M	D	P	E	M	D	D	E	M	D	4	4	4.0	3	-	
50358	D	P	E	E	M	D	P	E	E	M	D	D	P	E	5	6	5.5	3	-	
50359	M	D	D	E	M	D	P	E	M	D	P	E	M	D	4	4	4.0	3	-	
50360	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4	4.0	3	-	
50361	M	D	D	P	E	M	D	D	P	E	M	D	P	E	5	4	4.5	3	-	
50362	D	P	E	M	D	P	E	M	D	P	E	M	D	P	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

Animal No.	Estrous cycles and copulation Generation : F0 /Before mating (day)														Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat		
	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
	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4			
50451																		4.0	4	-
50452	E	E	M	D	P	E	M	D	P	E	E	M	D	D	5	4		4.5	3	-
50453	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50454	M	D	P	E	M	D	P	E	M	D	D	E	M	D	4	4		4.0	3	-
50455	E	M	D	P	E	M	D	P	E	M	D	D	E	M	4	4	4	4.0	4	-
50456	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50457	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50458	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50459	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50460	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50461	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
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

Animal No.	Generation : F0 /1st mating (times)														Species : Rat
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
50151	M	D	D	P	E										
	N	N	N	N	Y										
50152	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	
50153	E														
	Y														
50154	D	P	E												
	N	N	Y												
50155	P	E													
	N	Y													
50156	D	P	E												
	N	N	Y												
50157	D	P	E												
	N	N	Y												
50158	P	E													
	N	Y													
50159	D	P	E												
	N	N	Y												
50160	M	D	P	E											
	N	N	N	Y											
50161	D	P	E												
	N	N	Y												
50162	D	E													
	N	Y													

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Animal No.	Estrous cycles and copulation														Species : Rat	
	Generation : F0							Dose : 2,6-Naphthalic Acid 100 mg/kg								
	/1st mating (times)															
Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
50251	E															
	Y															
50252	D	P	E													
	N	N	Y													
50253	D	P	E													
	N	N	Y													
50254	D	P	E													
	N	N	Y													
50255	P	E														
	N	Y														
50256	P	E														
	N	Y														
50257	P	E														
	N	Y														
50258	D	P	E													
	N	N	Y													
50259	D	P	E													
	N	N	Y													
50260	E															
	Y															
50261	E															
	Y															
50262	D	P	E													
	N	N	Y													

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Animal No.	Estrous cycles and copulation														Species : Rat	
	Generation : F0							Dose : 2,6-Naphthalic Acid 300 mg/kg								
	/1st mating (times)															
Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
50351	E															
	Y															
50352	M	D	P	E												
	N	N	N	Y												
50353	P	E														
	N	Y														
50354	D	P	E													
	N	N	Y													
50355	M	D	P	E												
	N	N	N	Y												
50356	M	D	P	E												
	N	N	N	Y												
50357	P	E														
	N	Y														
50358	M	D	P	E	M	D	P	E	M	D	D	E	M	D		
	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
50359	P	E														
	N	Y														
50360	E															
	Y															
50361	E															
	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														Species : Rat	
Animal No.	Generation : F0														
	/1st mating (times)														
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
50451	D	P	E												
	N	N	Y												
50452	E														
	Y														
50453	M	D	P	E											
	N	N	N	Y											
50454	P	E													
	N	Y													
50455	D	P	E												
	N	N	Y												
50456	D	P	E												
	N	N	Y												
50457	E														
	Y														
50458	D	P	E												
	N	N	Y												
50459	M	D	P	E											
	N	N	N	Y											
50460	D	E													
	N	Y													
50461	D	P	E												
	N	N	Y												
50462	M	D	P	E											
	N	N	N	Y											

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat			
		Generation : F0	Sex : Male	1st mating			2nd mating			Total	
				Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10101	5	50151		+	+	/	/	/	/	+	+
10102	-	50152		-	/	/	/	/	/	-	/
10103	1	50153		+	+	/	/	/	/	+	+
10104	3	50154		+	+	/	/	/	/	+	+
10105	2	50155		+	+	/	/	/	/	+	+
10106	3	50156		+	+	/	/	/	/	+	+
10107	3	50157		+	+	/	/	/	/	+	+
10108	2	50158		+	+	/	/	/	/	+	+
10109	3	50159		+	+	/	/	/	/	+	+
10110	4	50160		+	+	/	/	/	/	+	+
10111	3	50161		+	+	/	/	/	/	+	+
10112	2	50162		+	+	/	/	/	/	+	+
n		11			12	11		0	0	12	11
Mean		2.8									
S.D.		1.1									
No. of positives				11	11					11	11
%				91.7	100.0					91.7	100.0

/// : No need to input/measure

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 100 mg/kg			Species : Rat		
		Generation : F0		Sex : Male	1st mating		2nd mating		Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility	
10201	1	50251	+	+	///	///	///	+	+	
10202	3	50252	+	+	///	///	///	+	+	
10203	3	50253	+	+	///	///	///	+	+	
10204	3	50254	+	+	///	///	///	+	+	
10205	2	50255	+	+	///	///	///	+	+	
10206	2	50256	+	+	///	///	///	+	+	
10207	2	50257	+	+	///	///	///	+	+	
10208	3	50258	+	+	///	///	///	+	+	
10209	3	50259	+	+	///	///	///	+	+	
10210	1	50260	+	+	///	///	///	+	+	
10211	1	50261	+	+	///	///	///	+	+	
10212	3	50262	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	2.3									
S.D.	0.9									
No. of positives			12	12				12	12	
%			100.0	100.0				100.0	100.0	

/// : No need to input/measure

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat	
		Generation : F0	Sex : Male	1st mating			2nd mating		
				Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility
10301	1	50351		+	+		///	///	///
10302	4	50352		+	+		///	///	+
10303	2	50353		+	+		///	///	+
10304	3	50354		+	+		///	///	+
10305	4	50355		+	+		///	///	+
10306	4	50356		+	+		///	///	+
10307	2	50357		+	+		///	///	+
10308	-	50358		-	///		///	///	-
10309	2	50359		+	+		///	///	+
10310	1	50360		+	+		///	///	+
10311	1	50361		+	+		///	///	+
10312	1	50362		+	+		///	///	+
n	11			12	11		0	0	12
Mean	2.3								11
S.D.	1.3								91.7
No. of positives				11	11				11
%				91.7	100.0				100.0

/// : No need to input/measure

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat		
		Generation : F0		Sex : Male	1st mating			2nd mating		
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility	
10401	3	50451	+	+	///	///	///	+	+	
10402	1	50452	+	+	///	///	///	+	+	
10403	4	50453	+	+	///	///	///	+	+	
10404	2	50454	+	+	///	///	///	+	+	
10405	3	50455	+	+	///	///	///	+	+	
10406	3	50456	+	+	///	///	///	+	+	
10407	1	50457	+	+	///	///	///	+	+	
10408	3	50458	+	+	///	///	///	+	+	
10409	4	50459	+	+	///	///	///	+	+	
10410	2	50460	+	-	///	///	///	+	-	
10411	3	50461	+	+	///	///	///	+	+	
10412	4	50462	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	2.8									
S.D.	1.1									
No. of positives			12	11				12	11	
%			100.0	91.7				100.0	91.7	

/// : No need to input/measure

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 0 mg/kg			Species : Rat			
		Generation : F0	Sex : Female	1st mating			2nd mating			Total	
				Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50151	5	10101		+	+	///	///	///	///	+	+
50152	-	10102		-	///	///	///	///	///	-	///
50153	1	10103		+	+	///	///	///	///	+	+
50154	3	10104		+	+	///	///	///	///	+	+
50155	2	10105		+	+	///	///	///	///	+	+
50156	3	10106		+	+	///	///	///	///	+	+
50157	3	10107		+	+	///	///	///	///	+	+
50158	2	10108		+	+	///	///	///	///	+	+
50159	3	10109		+	+	///	///	///	///	+	+
50160	4	10110		+	+	///	///	///	///	+	+
50161	3	10111		+	+	///	///	///	///	+	+
50162	2	10112		+	+	///	///	///	///	+	+
n		11			12	11		0	0	12	11
Mean		2.8									
S.D.		1.1									
No. of positives				11	11					11	11
%				91.7	100.0					91.7	100.0

/// : No need to input/measure

Reproductive performance		Dose : 2,6-Naphthalic Acid 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	1	10201	+	+	///	///	///	+	+
50252	3	10202	+	+	///	///	///	+	+
50253	3	10203	+	+	///	///	///	+	+
50254	3	10204	+	+	///	///	///	+	+
50255	2	10205	+	+	///	///	///	+	+
50256	2	10206	+	+	///	///	///	+	+
50257	2	10207	+	+	///	///	///	+	+
50258	3	10208	+	+	///	///	///	+	+
50259	3	10209	+	+	///	///	///	+	+
50260	1	10210	+	+	///	///	///	+	+
50261	1	10211	+	+	///	///	///	+	+
50262	3	10212	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.3								
S.D.	0.9								
No. of positives		12	12					12	12
%		100.0	100.0					100.0	100.0

/// : No need to input/measure

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat	
		Generation : F0		Sex : Female	1st mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50351	1	10301	+	+	///	///	///	+	+
50352	4	10302	+	+	///	///	///	+	+
50353	2	10303	+	+	///	///	///	+	+
50354	3	10304	+	+	///	///	///	+	+
50355	4	10305	+	+	///	///	///	+	+
50356	4	10306	+	+	///	///	///	+	+
50357	2	10307	+	+	///	///	///	+	+
50358	-	10308	-	///	///	///	///	-	///
50359	2	10309	+	+	///	///	///	+	+
50360	1	10310	+	+	///	///	///	+	+
50361	1	10311	+	+	///	///	///	+	+
50362	1	10312	+	+	///	///	///	+	+
n	11		12	11		0	0	12	11
Mean	2.3								
S.D.	1.3								
No. of positives			11	11				11	11
%			91.7	100.0				91.7	100.0

/// : No need to input/measure

Animal No.	Day of conceiving	Reproductive performance			Dose : 2,6-Naphthalic Acid 1000 mg/kg			Species : Rat	
		Generation : F0 Sex : Female			1st mating			2nd mating	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50451	3	10401	+	+	///	///	///	+	+
50452	1	10402	+	+	///	///	///	+	+
50453	4	10403	+	+	///	///	///	+	+
50454	2	10404	+	+	///	///	///	+	+
50455	3	10405	+	+	///	///	///	+	+
50456	3	10406	+	+	///	///	///	+	+
50457	1	10407	+	+	///	///	///	+	+
50458	3	10408	+	+	///	///	///	+	+
50459	4	10409	+	+	///	///	///	+	+
50460	2	10410	+	-	///	///	///	+	-
50461	3	10411	+	+	///	///	///	+	+
50462	4	10412	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.8								
S.D.	1.1								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Dam No.	Gestation period (day)	Delivery data Generation : F0				Dose : 2,6-Naphthalic Acid 0 mg/kg												Species : Rat					
		Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Dead				Number of dead newborns				Cannibalism				Total			
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total
50151	22	16(13/3)	100.0	16	10	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50153	22	16(9/7)	100.0	16	10	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50154	22	19(8/11)	94.7	18	7	11	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50155	22	16(9/7)	93.8	15	9	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50156	22	16(7/9)	93.8	15	5	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50157	22	19(12/7)	94.7	18	9	9	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50158	22	20(13/7)	85.0	17	7	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50159	22	16(10/6)	100.0	16	6	10	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50160	23	17(7/10)	100.0	17	7	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50161	22	13(3/10)	92.3	12	4	8	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50162	23	15(9/6)	93.3	14	7	7	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
Mean		22.18	16.6	95.24	15.8	7.4	8.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
S.D.		0.40	2.0	4.61	1.8	2.0	1.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Dam No.	Gestation period (day)	Delivery data Generation : F0				Dose : 2,6-Naphthalic Acid 100 mg/kg												Species : Rat					
		Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Dead				Number of dead newborns				Cannibalism				Total			
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total
50251	22	18(13/5)	94.4	17	10	7	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50252	22	15(7/8)	93.3	14	8	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50253	22	17(9/8)	64.7	11	8	3	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50254	22	16(8/8)	93.8	16	7	8	15	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1
50255	23	16(8/8)	81.3	13	5	8	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50256	22	16(5/11)	100.0	16	9	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50257	22	16(9/7)	100.0	16	9	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50258	22	16(6/10)	68.8	12	5	6	11	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1
50259	22	17(10/7)	82.4	14	9	5	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50260	22	18(9/9)	100.0	18	9	9	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50261	24	14(8/6)	100.0	14	3	11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50262	22	14(9/5)	92.9	13	5	8	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Mean		22.25	16.1	89.30	14.5	7.3	7.1	14.3	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
S.D.		0.62	1.3	12.32	2.1	2.2	2.0	2.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Dam No.	Gestation period (day)	Delivery data Generation : F0				Dose : 2,6-Naphthalic Acid 300 mg/kg												Species : Rat					
		Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Dead				Number of dead newborns				Cannibalism				Total			
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total
50351	22	16(8/8)	93.8	15	9	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50352	23	15(9/6)	93.3	14	7	7	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50353	22	16(10/6)	100.0	16	7	9	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50354	22	16(7/9)	100.0	16	15	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50355	23	15(10/5)	100.0	15	7	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50356	22	16(10/6)	87.5	14	8	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50357	22	14(6/8)	100.0	14	11	3	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50359	22	19(9/10)	89.5	17	8	9	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50360	23	14(9/5)	92.9	13	5	8	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50361	22	17(14/3)	94.1	16	11	5	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50362	22	15(9/6)	100.0	15	11	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mean		22.27	15.7	95.55	15.0	9.0	6.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.D.		0.47	1.4	4.67	1.2	2.8	2.6	1.2	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

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Dam No.	Gestation period (day)	Delivery data Generation : F0				Dose : 2,6-Naphthalic Acid 1000 mg/kg												Species : Rat					
		Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Dead				Number of dead newborns				Cannibalism				Total			
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total
50451	22	18(8/10)	94.4	17	10	7	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50452	24	9(5/4)	100.0	9	6	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50453	22	16(12/4)	100.0	16	8	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50454	22	15(8/7)	86.7	13	7	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50455	22	9(2/7)	88.9	8	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50456	23	3(3/0)	66.7	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50457	22	15(8/7)	80.0	12	6	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50458	22	17(10/7)	88.2	16	8	7	15	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1
50459	22	15(8/7)	100.0	15	5	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50461	22	16(11/5)	93.8	16	8	7	15	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1
50462	23	21(14/7)	90.5	19	9	10	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mean		22.36	14.0	89.93	13.0	6.7	6.1	12.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2
S.D.		0.67	5.1	9.96	5.0	2.6	3.0	4.9	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.4

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data		Dose : 2,6-Naphthalic Acid 0 mg/kg	Species : Rat
Generation : F0	Number of corpora lutea	Implantation index (%)	
Dam No.			
50151	16(13/3)	100.0	
50153	16(9/7)	100.0	
50154	20(9/11)	95.0	
50155	16(9/7)	100.0	
50156	16(7/9)	100.0	
50157	20(13/7)	95.0	
50158	21(13/8)	95.2	
50159	17(11/6)	94.1	
50160	17(7/10)	100.0	
50161	13(3/10)	100.0	
50162	15(9/6)	100.0	
Total			
n	11	11	
Mean	17.0	98.12	
S.D.	2.4	2.62	

(/) : Right/Left

Delivery data Generation : F0		Dose : 2,6-Naphthalic Acid 100 mg/kg	Species : Rat
Dam No.	Number of corpora lutea	Implantation index (%)	
50251	18(13/5)	100.0	
50252	15(7/8)	100.0	
50253	17(9/8)	100.0	
50254	16(8/8)	100.0	
50255	16(8/8)	100.0	
50256	16(5/11)	100.0	
50257	16(9/7)	100.0	
50258	16(6/10)	100.0	
50259	19(11/8)	89.5	
50260	18(9/9)	100.0	
50261	14(8/6)	100.0	
50262	14(9/5)	100.0	
Total		.	
n	12	12	
Mean	16.3	99.13	
S.D.	1.5	3.03	

(/) : Right/Left

Delivery data				
Generation : F0		Dose : 2,6-Naphthalic Acid 300 mg/kg		Species : Rat
Dam No.	Number of corpora lutea	Implantation index (%)		
50351	16(8/8)	100.0		
50352	15(9/6)	100.0		
50353	16(10/6)	100.0		
50354	16(7/9)	100.0		
50355	15(10/5)	100.0		
50356	16(10/6)	100.0		
50357	14(6/8)	100.0		
50359	19(9/10)	100.0		
50360	14(9/5)	100.0		
50361	17(14/3)	100.0		
50362	15(9/6)	100.0		
Total				
n	11	11		
Mean	15.7	100.00		
S.D.	1.4	0.00		

(/) : Right/Left

Delivery data				
Generation : F0		Dose : 2,6-Naphthalic Acid 1000 mg/kg		Species : Rat
Dam No.	Number of corpora lutea	Implantation index (%)		
50451	18(8/10)	100.0		
50452	15(8/7)	60.0		
50453	16(12/4)	100.0		
50454	15(8/7)	100.0		
50455	10(3/7)	90.0		
50456	6(4/2)	50.0		
50457	15(8/7)	100.0		
50458	17(10/7)	100.0		
50459	17(10/7)	88.2		
50461	16(11/5)	100.0		
50462	21(14/7)	100.0		
Total				
n	11	11		
Mean	15.1	89.84		
S.D.	4.0	17.90		

(/) : Right/Left

Delivery data

External examination of offspring

Generation : F0

Unit : Number of anomalous offspring (incidence %)

Dose : 2,6-Naphthalic Acid 0 mg/kg

Days after birth : 0

Species : Rat

Dam No.	Number of offspring examined	/Findings
50151	16	No anomaly
50153	16	No anomaly
50154	18	No anomaly
50155	15	No anomaly
50156	15	No anomaly
50157	18	No anomaly
50158	17	No anomaly
50159	16	No anomaly
50160	17	No anomaly
50161	12	No anomaly
50162	14	No anomaly
Total	174	
n	11	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data

External examination of offspring

Generation : F0

Unit : Number of anomalous offspring (incidence %)

Dose : 2,6-Naphthalic Acid 100 mg/kg

Days after birth : 0

Species : Rat

Dam No.	Number of offspring examined	/Findings
50251	17	No anomaly
50252	14	No anomaly
50253	11	No anomaly
50254	15	No anomaly
50255	13	No anomaly
50256	16	No anomaly
50257	16	No anomaly
50258	11	No anomaly
50259	14	No anomaly
50260	18	No anomaly
50261	14	No anomaly
50262	13	No anomaly
Total	172	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data

External examination of offspring

Generation : F0

Unit : Number of anomalous offspring (incidence %)

Dose : 2,6-Naphthalic Acid 300 mg/kg

Days after birth : 0

Species : Rat

Dam No.	Number of offspring examined	/Findings
50351	15	No anomaly
50352	14	No anomaly
50353	16	No anomaly
50354	16	No anomaly
50355	15	No anomaly
50356	14	No anomaly
50357	14	No anomaly
50359	17	No anomaly
50360	13	No anomaly
50361	16	No anomaly
50362	15	No anomaly
Total	165	
n	11	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data

External examination of offspring
Generation : F0

Unit : Number of anomalous offspring (incidence %)
Dose : 2,6-Naphthalic Acid 1000 mg/kg

Days after birth : 0
Species : Rat

Dam No.	Number of offspring examined	/Findings
50451	17	No anomaly
50452	9	No anomaly
50453	16	No anomaly
50454	13	No anomaly
50455	8	No anomaly
50456	2	No anomaly
50457	12	No anomaly
50458	15	No anomaly
50459	15	No anomaly
50461	15	No anomaly
50462	19	No anomaly
Total	141	
n	11	
Mean		
S.D.		

Mean : Average of incidence (%)

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	/Days after birth					Dose : 2,6-Naphthalic Acid 0 mg/kg
		0	1	2	3	4	
50151	Alive : Male	10	10	10	10	9	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	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	9/6	
50153	Alive : Male	10	10	10	10	10	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	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	
50154	Alive : Male	7	7	7	7	7	
	Female	11	11	11	11	11	
	Dead : Dead	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	
	Cannibalism	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	7/11	
50155	Alive : Male	9	9	9	9	9	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	9/6	9/6	9/6	9/6	9/6	
50156	Alive : Male	5	5	5	5	5	
	Female	10	10	10	10	10	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	5/10	5/10	5/10	5/10	5/10	
50157	Alive : Male	9	9	9	9	9	
	Female	9	9	9	9	9	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	9/9	9/9	9/9	9/9	9/9	

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 0 mg/kg					
		0	1	2	3	4	
50158	Alive : Male	7	7	7	7	7	
	Female	10	10	10	10	10	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	7/10	7/10	7/10	7/10	7/10	
50159	Alive : Male	6	6	6	6	6	
	Female	10	10	10	10	10	
	Dead : Dead	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	
	Cannibalism	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	
50160	Alive : Male	7	7	7	7	7	
	Female	10	10	10	10	9	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	
	Unknown	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	
	Signs						
	No abnormality	7/10	7/10	7/10	7/10	7/9	
50161	Alive : Male	4	4	4	4	4	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	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	
50162	Alive : Male	7	7	7	7	7	
	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	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	

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 100 mg/kg					
		0	1	2	3	4	
50251	Alive : Male	10	10	10	10	10	
	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	10/7	10/7	10/7	10/7	10/7	
	Alive : Male	8	8	8	8	8	
	Female	6	6	6	6	6	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50252	Unknown	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	
	Signs						
	No abnormality	8/6	8/6	8/6	8/6	8/6	
	Alive : Male	8	8	8	8	8	
	Female	3	3	3	3	3	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
50253	No abnormality	8/3	8/3	8/3	8/3	8/3	
	Alive : Male	7	7	7	7	7	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	7/8	7/8	7/8	7/8	7/8	
	Alive : Male	5	5	5	5	5	
	Female	8	8	8	8	8	
50254	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	7/8	7/8	7/8	7/8	7/8	
	Alive : Male	5	5	5	5	5	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50255	Signs						
	No abnormality	5/8	5/8	5/8	5/8	5/8	
	Alive : Male	9	9	9	9	9	
	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	9	9	9	9	9	
50256	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	9	9	9	9	9	
	Female	7	7	7	7	7	
	Dead : Dead	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	

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 100 mg/kg					
		0	1	2	3	4	
50257	Alive : Male	9	9	9	9	9	
	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	5	5	5	5	3	
	Female	6	6	6	6	5	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50258	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	2/1/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	5/6	5/6	5/6	5/6	3/5	
	Alive : Male	9	9	9	9	9	
	Female	5	5	5	5	5	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
50259	No abnormality	9/5	9/5	9/5	9/5	9/5	
	Alive : Male	9	9	9	9	9	
	Female	9	9	9	9	9	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	9	9	9	9	9	
	Female	9	9	9	9	9	
50260	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	9/9	9/9	9/9	9/9	9/9	
	Alive : Male	3	3	3	3	3	
	Female	11	11	11	11	11	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50261	Signs						
	No abnormality	3/11	3/11	3/11	3/11	3/11	
	Alive : Male	5	5	5	5	5	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	5/8	5/8	5/8	5/8	5/8	
	(/) : Number of offspring Male/Female/Unable to be sexed						

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 300 mg/kg					
		0	1	2	3	4	
50351	Alive : Male	9	9	9	9	9	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	9/6	9/6	9/6	9/6	9/6	
	Alive : Male	7	7	7	7	7	
	Female	7	7	7	7	7	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50352	Unknown	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	
	Signs						
	No abnormality	7/7	7/7	7/7	7/7	7/7	
	Alive : Male	7	7	7	7	7	
	Female	9	9	9	9	9	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
50353	No abnormality	7/9	7/9	7/9	7/9	7/9	
	Alive : Male	15	15	15	15	15	
	Female	1	1	1	1	1	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	15/1	15/1	15/1	15/1	15/1	
	Alive : Male	7	7	7	7	7	
	Female	8	8	8	8	8	
50354	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	15/1	15/1	15/1	15/1	15/1	
	Alive : Male	7	7	7	7	7	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50355	Signs						
	No abnormality	7/8	7/8	7/8	7/8	7/8	
	Alive : Male	8	8	8	8	8	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	8	8	8	8	8	
50356	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	8	8	8	8	8	
	Female	6	6	6	6	6	
	Dead : Dead	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	

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 300 mg/kg					
		0	1	2	3	4	
50357	Alive : Male	11	11	11	11	11	
	Female	3	3	3	3	3	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	11/3	11/3	11/3	11/3	11/3	
	Alive : Male	8	8	8	8	8	
	Female	9	9	9	9	9	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50359	Unknown	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	
	Signs						
	No abnormality	8/9	8/9	8/9	8/9	8/9	
	Alive : Male	5	5	5	5	5	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
50360	No abnormality	5/8	5/8	5/8	5/8	5/8	
	Alive : Male	11	11	11	11	11	
	Female	5	5	5	5	5	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	11	11	11	11	11	
	Female	4	4	4	4	4	
50361	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	11	11	11	11	11	
	Female	4	4	4	4	4	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50362	Signs						
	No abnormality	11/4	11/4	11/4	11/4	11/4	

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 1000 mg/kg					
		0	1	2	3	4	
50451	Alive : Male	10	10	10	10	10	
	Female	7	7	7	7	6	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	10/7	10/7	10/7	10/7	10/6	
	Alive : Male	6	6	6	6	6	
	Female	3	3	3	3	3	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50452	Unknown	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	
	Signs						
	No abnormality	6/3	6/3	6/3	6/3	6/3	
	Alive : Male	8	8	8	8	8	
	Female	8	8	8	8	8	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
50453	No abnormality	8/8	8/8	8/8	8/8	8/8	
	Alive : Male	7	7	7	7	7	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	7	7	7	7	7	
	Female	1	1	1	1	1	
50454	Dead : Dead	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	
	Cannibalism	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	
	Alive : Male	7	7	7	7	7	
	Female	1	1	1	1	1	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
50455	Signs						
	No abnormality	7/1	7/1	7/1	7/1	7/1	
	Alive : Male	0	0				
	Female	2	0				
	Dead : Dead	0/0/0	0/0/0				
	Unknown	0/0/0	0/1/0				
	Cannibalism	0/0/0	0/1/0				
	Signs						
	No abnormality	0/2	0/0				
	(/) : Number of offspring Male/Female/Unable to be sexed						

		Clinical sign of offspring Generation : F0					Species : Rat
Dam No.	Number of offspring	Dose : 2,6-Naphthalic Acid 1000 mg/kg					
		0	1	2	3	4	
50457	Alive : Male	6	6	6	6	6	
	Female	6	6	6	6	6	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	6/6	6/6	6/6	6/6	6/6	
50458	Alive : Male	8	8	8	8	7	
	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	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	7/7	
50459	Alive : Male	5	5	5	5	5	
	Female	10	10	10	10	9	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	5/10	5/10	5/10	5/10	5/9	
50461	Alive : Male	8	8	8	8	8	
	Female	7	7	7	7	7	
	Dead : Dead	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	
	Cannibalism	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	
50462	Alive : Male	9	9	9	9	9	
	Female	10	10	10	10	10	
	Dead : Dead	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	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	9/10	9/10	9/10	9/10	9/10	

(/) : Number of offspring Male/Female/Unable to be sexed

Litter size and viability index of offspring
Generation : F0
/Days after birth

Dam No.	Sex	0		0		4		Species : Rat
		All pups Male/Female	Live pups Male/Female	Viability index (%)	Live pups Male/Female	Viability index (%)		
50151	Total	16 (10/6)	16 (10/6)	100.0	15 (9/6)	93.8		
50153	Total	16 (10/6)	16 (10/6)	100.0	16 (10/6)	100.0		
50154	Total	18 (7/11)	18 (7/11)	100.0	18 (7/11)	100.0		
50155	Total	15 (9/6)	15 (9/6)	100.0	15 (9/6)	100.0		
50156	Total	15 (5/10)	15 (5/10)	100.0	15 (5/10)	100.0		
50157	Total	18 (9/9)	18 (9/9)	100.0	18 (9/9)	100.0		
50158	Total	17 (7/10)	17 (7/10)	100.0	17 (7/10)	100.0		
50159	Total	16 (6/10)	16 (6/10)	100.0	16 (6/10)	100.0		
50160	Total	17 (7/10)	17 (7/10)	100.0	16 (7/9)	94.1		
50161	Total	12 (4/8)	12 (4/8)	100.0	12 (4/8)	100.0		
50162	Total	14 (7/7)	14 (7/7)	100.0	14 (7/7)	100.0		
Total		174	174	172				
Male/Female		81/93	81/93	80/92				
n		11	11	11	11	11		
Mean				100.00		98.90		
S.D.				0.00		2.45		

Litter size and viability index of offspring

Generation : F0

Dose : 2,6-Naphthalic Acid 100 mg/kg

Species : Rat

Dam No.	Sex	0 /Days after birth		4		
		All pups Male/Female	Live pups Male/Female	Viability index (%)	Live pups Male/Female	
50251	Total	17 (10/7)	17 (10/7)	100.0	17 (10/7)	100.0
50252	Total	14 (8/6)	14 (8/6)	100.0	14 (8/6)	100.0
50253	Total	11 (8/3)	11 (8/3)	100.0	11 (8/3)	100.0
50254	Total	16 (7/9)	15 (7/8)	93.8	15 (7/8)	100.0
50255	Total	13 (5/8)	13 (5/8)	100.0	13 (5/8)	100.0
50256	Total	16 (9/7)	16 (9/7)	100.0	16 (9/7)	100.0
50257	Total	16 (9/7)	16 (9/7)	100.0	16 (9/7)	100.0
50258	Total	12 (5/7)	11 (5/6)	91.7	8 (3/5)	72.7
50259	Total	14 (9/5)	14 (9/5)	100.0	14 (9/5)	100.0
50260	Total	18 (9/9)	18 (9/9)	100.0	18 (9/9)	100.0
50261	Total	14 (3/11)	14 (3/11)	100.0	14 (3/11)	100.0
50262	Total	13 (5/8)	13 (5/8)	100.0	13 (5/8)	100.0
Total		174	172	169		
Male/Female		87/87	87/85	85/84		
n		12	12	12	12	
Mean				98.79	97.73	
S.D.				2.86	7.88	

Litter size and viability index of offspring						Species : Rat	
Generation : F0			Dose : 2,6-Naphthalic Acid 300 mg/kg				
Dam No.	Sex	0 /Days after birth		4			
		All pups Male/Female	Live pups Male/Female	Viability index (%)	Live pups Male/Female	Viability index (%)	
50351	Total	15 (9/6)	15 (9/6)	100.0	15 (9/6)	100.0	
50352	Total	14 (7/7)	14 (7/7)	100.0	14 (7/7)	100.0	
50353	Total	16 (7/9)	16 (7/9)	100.0	16 (7/9)	100.0	
50354	Total	16 (15/1)	16 (15/1)	100.0	16 (15/1)	100.0	
50355	Total	15 (7/8)	15 (7/8)	100.0	15 (7/8)	100.0	
50356	Total	14 (8/6)	14 (8/6)	100.0	14 (8/6)	100.0	
50357	Total	14 (11/3)	14 (11/3)	100.0	14 (11/3)	100.0	
50359	Total	17 (8/9)	17 (8/9)	100.0	17 (8/9)	100.0	
50360	Total	13 (5/8)	13 (5/8)	100.0	13 (5/8)	100.0	
50361	Total	16 (11/5)	16 (11/5)	100.0	16 (11/5)	100.0	
50362	Total	15 (11/4)	15 (11/4)	100.0	15 (11/4)	100.0	
Total		165	165	165			
Male/Female		99/66	99/66	99/66			
n		11	11	11	11		
Mean				100.00	100.00		
S.D.				0.00	0.00		

Litter size and viability index of offspring
Generation : F0
/Days after birth

Dam No.	Sex	0		0		0		4		4		Species : Rat
		All pups Male/Female	Live pups Male/Female	Viability index (%)	Live pups Male/Female							
50451	Total	17 (10/7)	17 (10/7)	100.0			16 (10/6)			94.1		
50452	Total	9 (6/3)	9 (6/3)	100.0			9 (6/3)			100.0		
50453	Total	16 (8/8)	16 (8/8)	100.0			16 (8/8)			100.0		
50454	Total	13 (7/6)	13 (7/6)	100.0			13 (7/6)			100.0		
50455	Total	8 (7/1)	8 (7/1)	100.0			8 (7/1)			100.0		
50456	Total	2 (0/2)	2 (0/2)	100.0			0 (0/0)			0.0		
50457	Total	12 (6/6)	12 (6/6)	100.0			12 (6/6)			100.0		
50458	Total	16 (8/8)	15 (8/7)	93.8			14 (7/7)			93.3		
50459	Total	15 (5/10)	15 (5/10)	100.0			14 (5/9)			93.3		
50461	Total	16 (8/8)	15 (8/7)	93.8			15 (8/7)			100.0		
50462	Total	19 (9/10)	19 (9/10)	100.0			19 (9/10)			100.0		
Total		143	141		136							
Male/Female		74/69	74/67		73/63							
n		11	11	11	11	11	11	11	11	11	11	
Mean				98.87			89.15					
S.D.				2.51			29.72					

Body weight of offspring
Generation : F0
/Days after birth

Dam No.	Sex	0		4		Dose : 2,6-Naphthalic Acid 0 mg/kg	Unit : g	Species : Rat
		n	B.W.	n	B.W.			
50151	Male	10	5.96	9	10.50			
	Female	6	5.55	6	9.93			
50153	Male	10	6.72	10	11.31			
	Female	6	6.32	6	10.17			
50154	Male	7	6.21	7	10.13			
	Female	11	6.07	11	10.12			
50155	Male	9	7.16	9	11.59			
	Female	6	6.78	6	10.68			
50156	Male	5	6.52	5	10.44			
	Female	10	6.23	10	10.00			
50157	Male	9	6.79	9	11.48			
	Female	9	6.29	9	10.27			
50158	Male	7	5.99	7	9.30			
	Female	10	5.61	10	8.73			
50159	Male	6	5.82	6	9.07			
	Female	10	5.82	10	9.11			
50160	Male	7	7.21	7	11.11			
	Female	10	6.69	9	10.26			
50161	Male	4	6.75	4	11.65			
	Female	8	6.25	8	10.98			
50162	Male	7	8.00	7	12.23			
	Female	7	7.20	7	11.17			
n	Male	81		80				
	Female	93		92				
Mean	Male		6.648		10.801			
	Female		6.255		10.129			
S.D.	Male		0.651		1.006			
	Female		0.500		0.721			

Body weight of offspring Generation : F0 /Days after birth				Dose : 2,6-Naphthalic Acid 100 mg/kg	Unit : g	Species : Rat
Dam No.	Sex	0	4			
		n	B.W.	n	B.W.	
50251	Male	10	6.60	10	10.38	
	Female	7	5.89	7	9.27	
50252	Male	8	6.41	8	10.56	
	Female	6	5.95	6	10.00	
50253	Male	8	7.20	8	12.14	
	Female	3	6.40	3	11.03	
50254	Male	7	6.80	7	10.77	
	Female	8	6.14	8	9.90	
50255	Male	5	7.40	5	13.46	
	Female	8	7.13	8	12.86	
50256	Male	9	6.39	9	10.46	
	Female	7	5.86	7	9.31	
50257	Male	9	6.44	9	10.57	
	Female	7	6.04	7	9.94	
50258	Male	5	5.90	3	12.30	
	Female	6	6.07	5	11.60	
50259	Male	9	6.36	9	11.23	
	Female	5	5.82	5	10.54	
50260	Male	9	6.06	9	9.58	
	Female	9	5.66	9	8.79	
50261	Male	3	7.57	3	12.00	
	Female	11	7.05	11	11.75	
50262	Male	5	6.78	5	12.42	
	Female	8	6.50	8	12.49	
n	Male	87		85		
	Female	85		84		
Mean	Male		6.659		11.323	
	Female		6.209		10.623	
S.D.	Male		0.515		1.128	
	Female		0.474		1.320	

Body weight of offspring Generation : F0 /Days after birth				Dose : 2,6-Naphthalic Acid 300 mg/kg	Unit : g	Species : Rat
Dam No.	Sex	0 n	B.W.	4 n	B.W.	
50351	Male	9	6.91	9	11.76	
	Female	6	6.62	6	11.23	
50352	Male	7	7.79	7	13.39	
	Female	7	7.33	7	12.30	
50353	Male	7	6.20	7	9.47	
	Female	9	6.30	9	10.03	
50354	Male	15	6.86	15	11.03	
	Female	1	6.90	1	10.90	
50355	Male	7	7.59	7	11.30	
	Female	8	7.24	8	10.96	
50356	Male	8	6.25	8	10.25	
	Female	6	5.87	6	9.95	
50357	Male	11	6.27	11	10.13	
	Female	3	6.17	3	9.63	
50359	Male	8	6.36	8	9.34	
	Female	9	5.81	9	8.87	
50360	Male	5	7.40	5	13.34	
	Female	8	7.13	8	12.66	
50361	Male	11	6.41	11	9.97	
	Female	5	5.56	5	9.02	
50362	Male	11	6.50	11	10.64	
	Female	4	6.40	4	10.13	
n	Male	99		99		
	Female	66		66		
Mean	Male		6.776		10.965	
	Female		6.485		10.516	
S.D.	Male		0.579		1.395	
	Female		0.610		1.228	

Body weight of offspring Generation : F0 /Days after birth				Dose : 2,6-Naphthalic Acid 1000 mg/kg	Unit : g	Species : Rat
Dam No.	Sex	0	4			
		n	B.W.	n	B.W.	
50451	Male	10	6.26	10	9.32	
	Female	7	5.99	6	9.42	
50452	Male	6	9.08	6	16.05	
	Female	3	8.40	3	15.57	
50453	Male	8	6.46	8	10.39	
	Female	8	5.98	8	10.13	
50454	Male	7	6.50	7	11.36	
	Female	6	6.13	6	10.72	
50455	Male	7	7.00	7	12.47	
	Female	1	6.80	1	12.70	
50456	Male	0	0			
	Female	2	6.75	0		
50457	Male	6	6.47	6	11.45	
	Female	6	6.10	6	11.20	
50458	Male	8	6.24	7	11.03	
	Female	7	6.11	7	10.77	
50459	Male	5	6.60	5	11.62	
	Female	10	6.10	9	11.13	
50461	Male	8	6.49	8	10.18	
	Female	7	6.24	7	9.83	
50462	Male	9	7.21	9	10.68	
	Female	10	6.95	10	10.48	
n	Male	74		73		
	Female	67		63		
Mean	Male		6.831		11.455	
	Female		6.505		11.195	
S.D.	Male		0.847		1.834	
	Female		0.719		1.779	

Necropsy findings of offspring			Dose : 2,6-Naphthalic Acid 0 mg/kg		Species : Rat
Generation : F0	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings	
Dam No.					
50151	15	Absent	0		
50153	16	Absent	0		
50154	18	Absent	0		
50155	15	Absent	0		
50156	15	Absent	0		
50157	18	Absent	0		
50158	17	Absent	0		
50159	16	Absent	0		
50160	16	Absent	1	1 ^a ; Absent (Day 4)	
50161	12	Absent	0		
50162	14	Absent	0		
Total	172		1		
n	11		1		

a: Showed autolysis in abdominal cavity

Necropsy findings of offspring			Dose : 2,6-Naphthalic Acid 100 mg/kg			Species : Rat	
Generation : F0	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings			
Dam No.							
50251	17	Absent	0				
50252	14	Absent	0				
50253	11	Absent	0				
50254	15	Absent	1	Absent (Day 0)			
50255	13	Absent	0				
50256	16	Absent	0				
50257	16	Absent	0				
50258	8	Absent	1	1 ^a ; Absent (Day 0)			
50259	14	Absent	0				
50260	18	Absent	0				
50261	14	Absent	0				
50262	13	Absent	0				
Total	169		2				
n	12		2				

a: Showed autolysis in abdominal cavity

Necropsy findings of offspring			Dose : 2,6-Naphthalic Acid 300 mg/kg			Species : Rat	
Generation : F0	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings			
Dam No.							
50351	15	Absent	0				
50352	14	Absent	0				
50353	16	Absent	0				
50354	16	Absent	0				
50355	15	Absent	0				
50356	14	Absent	0				
50357	14	Absent	0				
50359	17	Absent	0				
50360	13	Absent	0				
50361	16	Absent	0				
50362	15	Absent	0				
Total	165		0				
n	11		0				

Necropsy findings of offspring					
Generation : F0			Dose : 2,6-Naphthalic Acid 1000 mg/kg		Species : Rat
Dam No.	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings	
50451	16	Absent	0		
50452	9	Absent	0		
50453	16	Absent	0		
50454	13	1; Kidney, Dilatation, renal pelvis, bilateral, 12; Absent	0		
50455	8	Absent	0		
50456	0		1	1 ^a ; Absent (Day 1)	
50457	12	Absent	0		
50458	14	Absent	1	Absent (Day 0)	
50459	14	Absent	0		
50461	15	Absent	1	Absent (Day 0)	
50462	19	Absent	0		
Total	136		3		
n	11		3		

a: Showed cannibalism in thoracic and abdominal cavities



試験成績書

2014年11月17日

東京化成工業株式会社 品質保
T103-0023
東京都中央区日本橋本町4丁目10
TEL: 03(5640)8860 FAX: 03(56

製品名 : 2,6-Naphthalenedicarboxylic Acid					
製品コード : N0377 CAS番号 : 1141-38-4	等級 :	製品ロット : J82SE	判定 : 合格		
項目	結果		規格値		
純度(GC)	99.7 %		98.0 %以上		
純度(中和滴定)	99.6 %		98.0 %以上		
熱ヒューリン溶状	澄明		わずかな微濁以内		

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。

報告書

整理 No.Z0062

2015年2月21日

東京化成工業株式会社 深谷工場

分析センター

〒366-0816 埼玉県深谷市樫合 725 番地

TEL 048-571-3466

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(株)化合物安全性研究所

被験物質管理責任者



TCI 製品コード N0377 2,6-Naphthalenedicarboxylic Acid
の分析につきましてご報告致します。

分析試料

N0377 2,6-Naphthalenedicarboxylic Acid Lot.J82SE [東京化成工業(株) 製]

1. 純度(GC)

(1) 分析条件

カラム : 5%Diphenyl 95%Dimethylpolysiloxane
0.25 μm × 30m × 0.25mm

カラム 温度 : 最初 250°Cで 10 分間保ち、その後 20°C/min で 310°Cまで昇温し、
その温度に 12 分間保つ。

気化室温度 : 300°C

検出器温度 : 320°C

キャリアガス : ヘリウム 線速度 30cm/sec.

検出器 : FID

注入法 : スプリット法 スプリット比 (1 : 50)

注入量 : 試料 20mg+TMS-BA 1ml, 1.0 μl

定量法 : 未補正面積百分率法

機器 : Agilent 6890N

(2) 結果 (未補正面積百分率) 添付データ 3枚

①99.93% ②99.92% 平均 99.9%

2. 純度(中和滴定)

(1)操作

試料 0.15g(0.1mg のけたまではかる)→ビーカー100mL にとる + ピリジン 10ml に溶かす + 水 50mL →0.1mol/L 水酸化ナトリウム溶液で JIS K 0113 の 5 (電位差滴定方法) による。

別に同一条件で空試験を行い、滴定量を補正する。

0.1mol/L 水酸化ナトリウム溶液 1ml は 0.021619g に相当する。

(2)結果

	試料量(g)	滴定量(mL)	純度(%)
1回目	0.1562	14.4016	100.31
2回目	0.1532	14.1188	100.26

ファクター = 1.008 ブランク = 0.0208mL 平均 100.3%

この報告書に関するご質問は 兎澤 までお願い致します。

均一性試験 分析証明書

被 験 物 質 名 : 2,6-ナフタレンジカルボン酸
 ロ ッ ト 番 号 : J82SE
 媒 体 : 1(w/v)%メチルセルロース水溶液
 調 製 年 月 日 : 2014年12月17日
 測 定 年 月 日 : 2014年12月17日
 測 定 方 法 : HPLC法
 試 験 成 績 :

	調製液 表示濃度	測定の 繰返し数	調製液濃度 (mg/mL)	平均値	相対標準偏差 (%)
10 mg/mL	上層	1	10.1		
		2	10.4		
		3	10.5		
	中層	1	10.2	10.4 ± 0.16	1.5
		2	10.5		
		3	10.6		
	下層	1	10.5		
		2	10.4		
		3	10.4		
100 mg/mL	上層	1	105		
		2	105		
		3	104		
	中層	1	105	104 ± 0.8	0.8
		2	105		
		3	104		
	下層	1	104		
		2	103		
		3	103		

判 定 基 準 : 相対標準偏差が 5.0%以下の場合を適とする。

合 否 判 定 : 適

備 考 :

実施試験名 ; 2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験

(試験番号 ; SR14252)

試験施設 株式会社化合物安全性研究所

化学分析担当者 :

2014年 12月 24日

化学分析責任者 :

2014年 12月 24日

安定性試験 分析証明書

被 験 物 質 名 : 2,6-ナフタレンジカルボン酸
 ロ ッ ト 番 号 : J82SE
 媒 体 : 1(w/v)%メチルセルロース水溶液
 調 製 年 月 日 : 2014年12月17日
 測 定 年 月 日 : 2014年12月17日(調製時)
 2014年12月23日(冷蔵保存6日+室温保存4時間)
 保 存 条 件 : 冷蔵遮光保存後室温遮光保存
 測 定 方 法 : HPLC法
 試 験 成 績 :

調製液 表示濃度	測定の 繰返し数	調製液濃度(mg/mL)	
		調製時	冷蔵保存6日 +室温保存4時間
10 mg/mL	1	10.2	9.83
	2	10.5	9.87
	3	10.6	9.92
	平均値	10.4	9.87
	標準偏差	0.21	0.045
	相対標準偏差(%)	2.0	0.5
	含有率(%)	104.0	-
	残存率(%)	-	94.9
100 mg/mL	1	105	102
	2	105	103
	3	104	101
	平均値	105	102
	標準偏差	0.6	1.0
	相対標準偏差(%)	0.6	1.0
	含有率(%)	105.0	-
	残存率(%)	-	97.1

判 定 基 準 : 調製時 ; 含有率が $100 \pm 10.0\%$, 相対標準偏差が 5.0%以下の場合を適とする。
 保存後 ; 残存率が $100 \pm 10.0\%$, 相対標準偏差が 5.0%以下の場合を適とする。

合 否 判 定 : 10 mg/mL および 100 mg/mL の被験物質調製液について冷蔵保存 6 日 + 室温保存 4 時間までの安定性が認められた。

備 考 :

実施試験名 ; 2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験
(試験番号 ; SR14252)

試験施設 株式会社化合物安全性研究所

化学分析担当者 :

2014年12月24日

化学分析責任者 :

2014年12月24日

分析証明書番号 : 1700

濃度確認試験 分析証明書

試験名 : 2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性
併合試験

試験番号 : SR14252

被験物質名 : 2,6-ナフタレンジカルボン酸

ロット番号 : J82SE

媒体 : 1(w/v)%メチルセルロース水溶液

調製年月日 : 2014年12月23日

分析試験実施時期 : 初回調製時

測定年月日 : 2014年12月23日

測定方法 : HPLC法

試験成績 :

調製液の表示濃度	測定の繰返し数	調製液濃度(mg/mL)	平均値 ±標準偏差	相対標準偏差(%)	含有率(%)
10 mg/mL	1	9.25	9.33 ± 0.156	1.7	93.3
	2	9.23			
	3	9.51			
30 mg/mL	1	27.0	27.2 ± 0.17	0.6	90.7
	2	27.3			
	3	27.3			
100 mg/mL	1	94.6	95.2 ± 0.72	0.8	95.2
	2	95.0			
	3	96.0			

判定基準 : 含有率が $100 \pm 10.0\%$, 相対標準偏差が 5.0%以下の場合を適とする。

合否判定 : 適

備考 : -

試験施設 株式会社化合物安全性研究所

化学分析担当者 :

2014 年 12 月 24 日

化学分析責任者 :

2014 年 12 月 24 日

分析証明書番号 : 1709

濃度確認試験 分析証明書

試験名 : 2,6-ナフタレンジカルボン酸のラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号 : SR14252

被験物質名 : 2,6-ナフタレンジカルボン酸

ロット番号 : J82SE

媒体 : 1(w/v)%メチルセルロース水溶液

調製年月日 : 2015年2月2日

分析試験実施時期 : 最終回調製時

測定年月日 : 2015年2月3日

測定方法 : HPLC法

試験成績 :

調製液の表示濃度	測定の繰返し数	調製液濃度(mg/mL)	平均値 ±標準偏差	相対標準偏差(%)	含有率(%)
10 mg/mL	1	10.2	10.4 ± 0.15	1.4	104.0
	2	10.5			
	3	10.4			
30 mg/mL	1	31.8	32.1 ± 0.31	1.0	107.0
	2	32.4			
	3	32.2			
100 mg/mL	1	107	107 ± 0.6	0.6	107.0
	2	108			
	3	107			

判定基準 : 含有率が $100 \pm 10.0\%$, 相対標準偏差が 5.0%以下の場合を適とする。

合否判定 : 適

備考 : -

試験施設 株式会社化合物安全性研究所

化学分析担当者 :

2015年 2月 3日

化学分析責任者 :

2015年 2月 3日

調製液(投与液)の濃度分析方法

1 使用機器

高速液体クロマトグラフ装置 (HPLC) Waters システム

Alliance セパレーションモジュール : e2695, 日本ウォーターズ株式会社

UV-VIS 検出器 : 2489, 日本ウォーターズ株式会社

HPLC データ処理装置 : Empower 3, 日本ウォーターズ株式会社

電子式上皿天秤 : GH-202, 株式会社エー・アンド・ディ

卓上型超音波洗浄器 : B42JH, 日本エマソン株式会社

超音波洗浄機 : US-30KS, 株式会社エスエヌディ

2 標準物質(被験物質と同様に保存)

2,6-ナフタレンジカルボン酸(被験物質) : Lot No. J82SE, 東京化成工業株式会社

3 試薬

テトラヒドロフラン : HPLC 用, 和光純薬工業株式会社

メタノール : HPLC 用, 関東化学株式会社

蒸留水 : HPLC 用, 関東化学株式会社

ジメチルスルホキシド(DMSO) : 紫外吸収スペクトル用, 株式会社同仁化学研究所

4 試薬の調製(以下の割合で調製し, 調製日を0日として起算した)

4.1 移動相, オートサンプラ洗浄液, 洗浄用注入液の調製

(1) テトラヒドロフラン 80 mL にメタノール 10 mL と蒸留水 10 mL を加えて十分に混合した.

(2) 超音波洗浄器(または超音波洗浄機)で約 1 分間脱気した.

(3) 調製後は室温に保存し, 1 日以内に使用した(使用期限: 4 週間以内).

5 標準溶液の調製および測定(以下の割合で調製した)

(1) 標準物質約 0.020 g を正確に量り, DMSO を加えて溶解し, 正確に 10 mL とした(標準原液 1, SS1, 約 2000 µg/mL).

(2) 標準原液 1 の 1 mL を採取し, 移動相を加えて正確に 100 mL とした(標準原液 2, SS2, 約 20 µg/mL).

(3) 下表に従い標準溶液(STD1 ~ STD3)を調製した.

調製濃度 ^{a)}	略号	調製方法 (以下の割合で調製.)			
約 5 µg/mL	STD1	SS2 DMSO	5 mL 0.15 mL	→	移動相 20 mL
約 2.5 µg/mL	STD2	SS2 DMSO	5 mL 0.35 mL	→	移動相 40 mL
約 1 µg/mL	STD3	SS2 DMSO	2 mL 0.38 mL	→	移動相 40 mL

a) 標準溶液中の DMSO 濃度が 1 % (v/v) となるように調製.

- (4) 標準原液 1, 標準原液 2 および各標準溶液の調製は各 1 回とした. 各標準溶液の測定は 1 回とし, オートサンプラー内に保存後 5 時間以内に測定した (規定時間 : 14 時間以内).

6 試料溶液の調製および測定 (以下の割合で調製した)

調製液の採取点数は, 均一性試験は調製液の上・中・下層付近から各 3 点 (計 9 点), 安定性試験および濃度確認試験については調製液の中層付近から 3 点とした. 均一性試験と安定性試験 (調製時) を同時に実施し, 均一性試験の中層の結果を安定性試験の調製時の結果とした. 試料溶液の調製は 1 点につき 1 回, 試料溶液の HPLC への注入は各 1 回とし, オートサンプラー内に保存後 2 時間以内に測定した(規定時間 : 14 時間以内).

6.1 試料溶液 (10 mg/mL 調製液)

- (1) 10 mg/mL 調製液から 1 mL を採取し, DMSO を加えて正確に 10 mL とした.
- (2) 6.1 (1) の溶液の 1 mL を採取し, 移動相を加えて正確に 50 mL とした.
- (3) 6.1 (2) の溶液の 5 mL を採取し, DMSO 0.3 mL を添加して移動相を加えて正確に 40 mL とした (約 2.5 µg/mL).

6.2 試料溶液 (30 mg/mL 調製液)

- (1) 30 mg/mL 調製液から 1 mL を採取し, DMSO を加えて正確に 30 mL とした.
- (2) 6.2 (1) の溶液の 1 mL を採取し, 移動相を加えて正確に 50 mL とした.
- (3) 6.2 (2) の溶液の 5 mL を採取し, DMSO 0.3 mL を添加して移動相を加えて正確に 40 mL とした (約 2.5 µg/mL).

6.3 試料溶液 (100 mg/mL 調製液)

- (1) 100 mg/mL 調製液から 1 mL を採取し, DMSO を加えて正確に 50 mL とした.
- (2) 6.3 (1) の溶液の 1 mL を採取し, 移動相を加えて正確に 100 mL とした.
- (3) 6.3 (2) の溶液の 5 mL を採取し, DMSO 0.35 mL を添加して移動相を加えて正確に 40 mL とした (約 2.5 µg/mL).

7 HPLC 条件

カラム	: CAPCELL PAK C18 UG80, 5 µm, 4.6 mmID×250 mm, 株式会社資生堂
移動相	: テトラヒドロフラン / メタノール / 蒸留水 (8 : 1 : 1)
オートサンプラ洗浄液	: テトラヒドロフラン / メタノール / 蒸留水 (8 : 1 : 1)
洗浄用注入液	: テトラヒドロフラン / メタノール / 蒸留水 (8 : 1 : 1)
流量	: 0.5 mL/min
測定波長	: 295 nm
カラム温度	: 40°C
注入量	: 10 µL
オートサンプラ温度	: 室温
分析時間	: 8 分

8 システム適合性試験

測定日ごとに STD2 を繰り返し 6 回注入した。2,6-ナフタレンジカルボン酸のピーク面積および保持時間について相対標準偏差を求めた。

9 計算

Microsoft Office Excel を用いて、標準溶液の 2,6-ナフタレンジカルボン酸のピーク面積および濃度から検量線 ($Y = aX + b$; a : 傾き, b : y-切片, Y : ピーク面積, X : 2,6-ナフタレンジカルボン酸濃度) を作成し、相関係数を求めた。

以下の式より個々の調製液濃度を求め、さらに調製液濃度の平均値、標準偏差および相対標準偏差を求めた。また、安定性試験（調製時）および濃度確認試験では含有率、安定性試験（保存後）では残存率を求めた。

$$\text{調製液濃度(mg/mL)} = (A_t - y\text{-切片}) / \text{傾き} \times D / 1000$$

A_t : 試料溶液の 2,6-ナフタレンジカルボン酸のピーク面積

D : 希釈倍数

$$[10 \text{ mg/mL 調製液 ; } 4000, 30 \text{ mg/mL 調製液 ; } 12000, 100 \text{ mg/mL 調製液 ; } 40000]$$

$$\text{含有率 (\%)} = (\text{調製液濃度の平均値} / \text{調製液の表示濃度}) \times 100$$

$$\text{残存率 (\%)} = (\text{保存後の調製液濃度の平均値} / \text{調製時の調製液濃度の平均値}) \times 100$$

$$\text{相対標準偏差 (\%)} = (\text{標準偏差} / \text{平均値}) \times 100$$

10 数値の取扱い

四捨五入して以下の表示値とした。平均値、標準偏差および相対標準偏差を求める際は四捨五入し、平均値は下記と同じ桁数、標準偏差は平均値の1つ下の桁、相対標準偏差は小数点以下第1位を表示した。

項目 (単位)	表示値
秤量値 (g)	小数点以下第5位
保持時間 (分)	小数点以下第3位
ピーク面積 ($\mu\text{V}\text{秒}$)	整数
検量線 [相関係数]	有効数字6桁
検量線 [傾き, y-切片]	小数点以下第3位
標準溶液濃度、試料溶液濃度、 調製液濃度 ($\mu\text{g/mL}$ または mg/mL)	有効数字3桁 (標準溶液濃度は標準物質の秤量値より算出)
含有率 (%)	小数点以下第1位
残存率 (%)	小数点以下第1位

11 判定基準

- (1) 検量線 : 相関係数が 0.990 以上を採用とした。
- (2) 均一性試験 : 相対標準偏差が 5.0% 以下の場合を適とした。
- (3) 安定性試験 :
 - 1) 調製時 ; 含有率が $100 \pm 10.0\%$, 相対標準偏差が 5.0% 以下の場合を適とした。
 - 2) 保存後 ; 残存率が $100 \pm 10.0\%$, 相対標準偏差が 5.0% 以下の場合を適とした。
- (4) 濃度確認試験 : 含有率が $100 \pm 10.0\%$, 相対標準偏差が 5.0% 以下の場合を適とした。
- (5) システム適合性試験 : 相対標準偏差が 2.0% 以下の場合を適とした。本試験では、ピーク面積における相対標準偏差が 0.5~0.6%, 保持時間における相対標準偏差が 0.0~0.2% でありいずれも判定基準内であった。