最終報告書

表　　題：2-エチルヘキサン-1-イル=パルミタート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：SR21141

株式会社化合物安全性研究所

試験責任者の署名

表　　題：2-エチルヘキサン-1-イル=パルミタート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：SR21141

株式会社化合物安全性研究所

試験責任者 [redacted] 2022 年 3 月 18 日

陳述書

表　　題:2-エチルヘキサン-1-イル=パルミタート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：SR21141

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

本試験に用いた試験方法は，試験法ガイドライン「新規化学物質等に係る試験の方法について」(平成 23 年 3 月 31 日薬食発 0331 第 7 号・平成 23・03・29 製局第 5 号・環保企発第 110331009 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) ならびに「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 (令和2年11月5日薬生発1105第2号・20201015 製局第 1 号・環保企発第 2011055 号 厚生労働省医薬・生活衛生局長・経済産業省製造産業局長・環境省大臣官房環境保健部長連名通知) に準拠した.

株式会社化合物安全性研究所

試験責任者 [redacted] 2022 年 3 月 18 日

信頼性保証書

表題　　：2-エチルヘキサン-1-イル=パルミタート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　：SR21141

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	2021 年 9 月 17 日	2021 年 9 月 17 日	2021 年 9 月 17 日
コンピュータプロトコール	2021 年 9 月 21 日	2021 年 9 月 21 日	2021 年 9 月 21 日
試験計画書変更書 (No.1)	2021 年 9 月 27 日	2021 年 9 月 27 日	2021 年 9 月 27 日
被験物質の管理	2021 年10 月 8 日	2021 年10 月 11 日	2021 年10 月 11 日
被験物質のサンプリング	2021 年10 月 8 日	2021 年10 月 11 日	2021 年10 月 11 日
投与液の調製	2021 年10 月 8 日	2021 年10 月 11 日	2021 年10 月 11 日
投与液の送付	2021 年10 月 8 日	2021 年10 月 11 日	2021 年10 月 11 日
試験計画書変更書 (No.2)	2021 年10 月 11 日	2021 年10 月 11 日	2021 年10 月 11 日
群分け	2021 年10 月 14 日	2021 年10 月 15 日	2021 年10 月 15 日
投与	2021 年10 月 15 日	2021 年10 月 15 日	2021 年10 月 15 日
性周期検査	2021 年10 月 15 日	2021 年10 月 15 日	2021 年10 月 15 日
詳細な状態観察	2021 年10 月 21 日	2021 年10 月 21 日	2021 年10 月 21 日
生殖能検査 (交配)	2021 年10 月 28 日 2021 年10 月 29 日	2021 年10 月 29 日	2021 年10 月 29 日
機能検査	2021 年11 月 5 日	2021 年11 月 5 日	2021 年11 月 5 日
尿検査	2021 年11 月 9 日 2021 年11 月 10 日	2021 年11 月 10 日	2021 年11 月 10 日
採血	2021 年11 月 12 日	2021 年11 月 12 日	2021 年11 月 12 日
血液学的検査	2021 年11 月 12 日	2021 年11 月 12 日	2021 年11 月 12 日
血液化学的検査	2021 年11 月 12 日	2021 年11 月 12 日	2021 年11 月 12 日
剖検・器官重量測定	2021 年11 月 12 日	2021 年11 月 12 日	2021 年11 月 12 日
分娩および哺育状態観察	2021 年11 月 22 日	2021 年11 月 22 日	2021 年11 月 22 日
新生児の一般状態観察	2021 年11 月 22 日	2021 年11 月 22 日	2021 年11 月 22 日
新生児の体重測定	2021 年11 月 22 日	2021 年11 月 22 日	2021 年11 月 22 日
哺育児数の調整	2021 年11 月 24 日	2021 年11 月 24 日	2021 年11 月 24 日
肛門生殖突起間距離の計測	2021 年11 月 24 日	2021 年11 月 24 日	2021 年11 月 24 日
血液化学的検査	2021 年11 月 24 日	2021 年11 月 24 日	2021 年11 月 24 日
乳頭数の計測	2021 年12 月 3 日	2021 年12 月 3 日	2021 年12 月 3 日
新生児の血清採取	2021 年12 月 3 日	2021 年12 月 3 日	2021 年12 月 3 日
新生児の剖検	2021 年12 月 3 日	2021 年12 月 3 日	2021 年12 月 3 日
病理組織学的検査 (標本作製)	2021 年11 月 15 日 2021 年11 月 19 日 2021 年12 月 14 日 2021 年12 月 15 日	2021 年12 月 15 日	2021 年12 月 15 日

査察段階	査察日	試験責任者への報告日	運営管理者への報告日
病理組織学的検査 (鏡検)	2022 年 1 月 4 日	2022 年 1 月 4 日	2022 年 1 月 4 日
生データ	2022 年 3 月 2 日 2022 年 3 月 3 日 2022 年 3 月 4 日 2022 年 3 月 7 日 2022 年 3 月 8 日 2022 年 3 月 9 日	2022 年 3 月 9 日	2022 年 3 月 9 日
最終報告書 (草案) : 図表	2022 年 3 月 2 日 2022 年 3 月 3 日 2022 年 3 月 4 日 2022 年 3 月 7 日 2022 年 3 月 8 日 2022 年 3 月 9 日	2022 年 3 月 9 日	2022 年 3 月 9 日
最終報告書 (草案) : 本文	2022 年 3 月 7 日 2022 年 3 月 8 日 2022 年 3 月 9 日	2022 年 3 月 9 日	2022 年 3 月 9 日
生データ*	2022 年 3 月 10 日	2022 年 3 月 10 日	2022 年 3 月 10 日
最終報告書 (草案) : 図表*	2022 年 3 月 10 日	2022 年 3 月 10 日	2022 年 3 月 10 日
最終報告書 (草案) : 本文*	2022 年 3 月 10 日	2022 年 3 月 10 日	2022 年 3 月 10 日
最終報告書	2022 年 3 月 18 日	2022 年 3 月 18 日	2022 年 3 月 18 日

* : 改善内容の確認

プロセス調査による査察段階	査察日	試験責任者への報告日	運営管理者への報告日
動物受入・検疫・馴化	2021 年 9 月 17 日	2021 年 9 月 17 日	2021 年 9 月 17 日
一般状態観察	2021 年 9 月 17 日	2021 年 9 月 17 日	2021 年 9 月 17 日
体重測定	2021 年 9 月 17 日	2021 年 9 月 17 日	2021 年 9 月 17 日
摂餌量測定	2021 年 9 月 17 日	2021 年 9 月 17 日	2021 年 9 月 17 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. 試験場所で実施された被験物質の安定性, 投与液の安定性および濃度分析に関しては, 試験場所信頼性保証部門責任者からの調査報告および信頼性保証書を確認し, 試験全体の信頼性に問題がないことを確認した.

株式会社化合物安全性研究所
主信頼性保証部門責任者

[redacted] 2022 年 3 月 18 日

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2-エチルヘキサン-1-イル=パルミタート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

SR21141

試験目的

2-エチルヘキサン-1-イル=パルミタートを雌雄ラットに反復経口投与してその毒性ならびに性腺機能，交尾行動，受胎および分娩等の生殖に及ぼす毒性を検討した．加えて，28 日間の反復投与終了後 14 日間の休薬による毒性の回復性についても検討した．

試験実施基準および試験法ガイドライン

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

試験法ガイドライン :「新規化学物質等に係る試験の方法について」(平成 23 年 3 月 31 日薬食発 0331 第 7 号・平成 23･03･29 製局第 5 号・環保企発第 110331009 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) ならびに「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 (令和 2 年 11 月 5 日薬生発 1105 第 2 号・20201015 製局第 1 号・環保企発第 2011055 号 厚生労働省医薬・生活衛生局長・経済産業省製造産業局長・環境省大臣官房環境保健部長連名通知)

動物愛護

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

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

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

「厚生労働省の所管する実施機関における動物実験等の実施に関する

基本指針について」(平成 18 年 6 月 1 日 科発 0601001 号, 最終改正 平成 27 年 2 月 20 日 科発 0220 第 1 号)

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

試験委託者

名称 : 厚生労働省 医薬・生活衛生局

所在地 : 東京都千代田区霞が関 1-2-2 (〒100-8916)

担当者 : 医薬品審査管理課化学物質安全対策室

[redacted]

試験施設

名称 : 株式会社化合物安全性研究所

所在地 : 札幌市清田区真栄 363 番 24 (〒004-0839)

運営管理者 : [redacted]

試験場所 (被験物質の安定性，投与液の安定性および濃度分析)

名称 : 株式会社日曹分析センター 小田原事業所

所在地 : 神奈川県小田原市高田 345 (〒250-0216)

試験場所管理責任者 : [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

試験主任者 : [redacted]

被験物質の調製 : [redacted]

検疫・馴化 : [redacted]

投与・観察・測定 : [redacted]

臨床検査　　：[redacted]

病理検査　　：

試験日程

試験開始日　　：2021 年　9 月　17 日

動物受入　　：2021 年　9 月　22 日

群分け　　：2021 年　10 月　14 日

投与開始 (実験開始)　：2021 年　10 月　15 日

交配開始　　：2021 年　10 月　28 日

雄動物およびサテライト群雌動物投与終了：

2021 年　11 月　11 日

雄動物およびサテライト群雌動物 (投与終了時剖検例) 剖検：

2021 年　11 月　12 日

母動物分娩開始　　：2021 年　11 月　20 日

生後 4 日児数調整開始：2021 年　11 月　24 日

サテライト群雄および雌動物 (回復終了時剖検例) 剖検：

2021 年　11 月　26 日

生後 13 日新生児剖検開始：

2021 年　12 月　3 日

母動物剖検開始　　：2021 年　12 月　4 日

実験終了日　　：2022 年　1 月　25 日

試験終了日　　：2022 年　3 月　18 日

1 要約

2-エチルヘキサン-1-イル=パルミタートの反復投与による影響，生殖および新生児の発生に及ぼす影響について検討する目的で，ラットにおける反復投与毒性･生殖発生毒性併合試験を実施した．1 群雌雄各 12 匹の Crl:CD(SD) ラットに，2-エチルヘキサン-1-イル=パルミタートの 0 (媒体対照，トウモロコシ油)，100，300 および 1000 mg/kg を，雄に対しては交配開始 14 日前から計 28 日間，雌に対しては交配前，交配および妊娠期間を含む哺育 13 日までの期間経口投与した (最長 63 日間)．また，0 (対照) および 1000 mg/kg について，雄動物は各 5 匹を選抜して 28 日間の投与終了後 14 日間の回復性を検討し，雌動物は各 10 匹の非交配群を別に設け, 5 匹は 28 日間の投与終了時に剖検し, 5 匹はさらに 14 日間の回復性についても検討した．

1.1 反復投与毒性

100, 300 および 1000 mg/kg のいずれの被験物質投与群においても, 投与期間中の一般状態，詳細な状態観察，機能検査，尿検査，体重，体重増加量，摂餌量，血液学的検査，血液化学的検査，T4 濃度，器官重量，剖検および病理組織学的検査の各検査項目に，雌雄とも被験物質投与に関連する変化はみられなかった．

したがって，本試験条件下における 2-エチルヘキサン-1-イル=パルミタートの反復投与毒性に関する無毒性量 (NOAEL) は雌雄とも 1000 mg/kg/day と考えられた．

1.2 生殖発生毒性

主試験群の生殖能検査および新生児の検査では，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った．

したがって，本試験条件下における 2-エチルヘキサン-1-イル=パルミタートの親動物の生殖ならびに新生児の発生に対する無毒性量 (NOAEL) はいずれも 1000 mg/kg/day と考えられた．

2 緒言

この試験の目的は，2-エチルヘキサン-1-イル=パルミタートを雌雄ラットへ反復投与して，一般毒性，雌生殖および新生児の発生に及ぼす影響について検討することであった．2-エチルヘキサン-1-イル=パルミタートの 0 (媒体対照，トウモロコシ油)，100，300 および 1000 mg/kg を，1 群雌雄各 12 匹の Crl:CD(SD) ラットに，雄に対しては計 28 日間，雌に対しては哺育 13 日までの期間経口投与した．0 および 1000 mg/kg については，雌各 10 匹の非交配群を別に設けた．28 日間の投与終了後，雄は各 5 匹を選抜して，雌は非交配群の各 5 匹について，14 日間の回復性を検討した．

3 材料および方法

3.1 被験物質

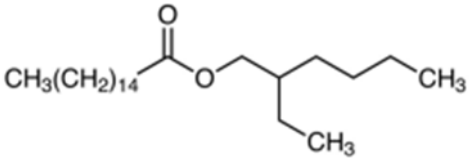
名称　：2-エチルヘキサン-1-イル=パルミタート

別名 [1)2)]　：パルミチン酸 2-エチルヘキシル
2-Ethylhexyl Palmitate
Ethylhexyl palmitate

CAS 番号　：29806-73-3

官報公示整理番号 [1)]　：(2)-798

構造式 [3)]　：



化学式 [1)3)]　：$C_{24}H_{48}O_2$

分子量 [3)]　：368.65

物理化学的性質 [1)3)]　：外観；無色透明液体
比重；0.8597 (Annex 1)
引火点；204°C

純度　：98.8% (GC) (Annex 1)

ロット番号　：[redacted]

製造者・供給者　：[redacted]

試験施設受領日　：2021 年 7 月 30 日

安定性　：投与開始前および投与終了後に FT-IR (ATR) を用いて被験物質の赤外線吸収スペクトル (IR) を，試験場所で測定した．その結果，投与期

間中の被験物質は安定性が確認された (Annex 2).

保存場所および保存期間：

被験物質保存室；2021 年 7 月 30 日 (試験施設受領) ~ 2021 年 12 月 9 日 (最終回調製)

保存条件 [1)3)] ：冷蔵 (実測範囲 3.0 ~ 3.6°C)，気密，遮光，不活性ガス充填

被験物質管理責任者からの移管量：

1000 g

使用量 ：909.0092 g

取扱上の注意 [1)] ：ゴム手袋，マスクおよび保護メガネを着用した.

サンプリング ：約 5 g (実測値 5.0021 g) を採取し, 試験施設の資料保存室に保存した.

3.2 対照物質 (媒体)

名称 ：トウモロコシ油

製造業者 ：ナカライテスク株式会社

選定理由 ：被験物質の媒体に対する溶解度の情報がないことから，SR21141P において調製検討を実施した結果, 0.5%メチルセルロース水溶液には均一に混ざらず分離したが，トウモロコシ油に 200 mg/mL の濃度で溶解することを目視で確認したため.

ロット番号 ：V1H9671

使用/有効期限 ：2026 年 9 月 14 日

保存場所および保存期間：

被験物質保存室；2021 年 9 月 15 日 (試験施設受領) ~ 2021 年 12 月 9 日 (最終回調製)

保存条件 ：室温 (実測範囲 21.7 ~ 24.3°C) で保存した．開封後の残余は保存しなかった.

対照群の投与用として分注後は，被験物質調製液と同様に保存した.

被験物質管理責任者からの移管量：

500 g × 40 本

使用量 ：500 g × 27 本

取扱上の注意 ：特になし.

3.3 投与液の調製および化学分析

調製方法 ：投与量毎に被験物質を正確に秤量し，媒体を加えて所定量にメスアップし，スターラーにて溶解させた．投与液の調製に必要な被験物質量

を算出する際に，純度補正は行わなかった．

調製頻度　：調製液は 3 ~ 8 日の間隔で 11 回調製し，9 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;2021 年 10 月 8 日 (初回調製) ~ 2021 年 12 月 16 日 (最終回投与)

保存条件　：遮光気密容器に入れ，冷蔵 (実測範囲 3.0 ~ 3.6°C) で保存した．

調製上の注意　：ゴム手袋，マスクおよび保護メガネを着用した．

残余投与液の処置　：焼却処分するために産業廃棄物として回収した．

投与液の化学分析　：以下の分析を試験場所が実施し，分析結果を入手した．試料の試験場所への輸送の日程，濃度分析方法ならびに分析結果については，試験場所の最終報告書に示されており，Annex 2 として添付する．

投与液の安定性の確認：20 および 200 mg/mL の濃度の調製液について，冷蔵保存 10 日間 (調製日を 0 日として起算) 後，室温で 21 時間後の安定性を分析した．調製は試験場所が実施した．分析の結果，保存後の残存率が 103.9 および 102.8% (判定基準 100±15%以内) であり，冷蔵保存 10 日間+室温 21 時間の安定性が確認された (Annex 2).

投与液の濃度確認　：被験物質の全濃度に関する投与液中の濃度を，初回および雄の最終回投与に使用する調製液について分析した. 調製液は冷蔵条件下で試験場所に送付した．分析の結果，含有率が表示濃度の 97.6 ~ 103.6% (判定基準 100±15%以内)，RSD が 0.2 ~ 1.1% (判定基準 15%以内) の範囲内にあり，いずれの調製液の濃度も適切であることが確認された (Annex 2).

3.4 試験系

種・系統　：ラット，Crl:CD(SD)

微生物統御　：SPF

生産業者　：日本チャールス・リバー株式会社

微生物モニタリング　：動物生産業者よりデータを入手した．

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

受入動物数　：雄 50 匹，雌 74 匹 (未経産)

受入動物週齢　：雌雄とも 9 週齢

出荷体重基準　：雄 270～360 g，雌 180～240 g

受入時体重範囲　：雄 307～337 g，雌 186～224 g

投与開始時週齢　：雌雄とも 12 週齢

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

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

3.5 検疫および馴化

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

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

性周期検査　：雌動物について，性周期検査を膣垢スメア塗抹法により群分け日までの 14 日間実施した．検査の結果，1 例 (識別番号 5074) に性周期の異常がみられた他は，いずれの動物にも異常はみられなかった.

3.6 群分け

馴化期間中に実施した一般状態観察，体重測定および雌の性周期検査の結果を参考にして，餌遊びがみられた雌 5 例 (識別番号 5009，5015，5022，5030，5055) および性周期異常の 1 例を除いて，コンピュータシステム (MiTOX，三井 E & S システム技研株式会社) を使用して，雄 48 匹，雌 68 匹を選抜し，群分け日 (投与開始前日) の体重に基づいて層化無作為抽出法により群間で平均体重が均一になるように各群に割当てた．ただし，雌については主試験群，サテライト群それぞれの平均体重が均一になるようにした．選抜した動物の体重範囲は，雄で 418～504 g，雌で 230～304 g であり，平均体重 (雄 457.3 g，雌 266.2 g) の ±20%以内であった. 群分けから外れた動物は, 投与開始日に試験から除外し, 試験施設の標準操作手順書 (SOP) に従って取り扱った.

3.7 動物およびケージの識別

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

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

3.8 動物飼育

3.8.1 飼育環境

飼育室番号　：304 号室

温度・湿度　：22 ± 3°C (実測範囲 20 ~ 24°C)，50 ± 20% (実測範囲 47 ~ 61%)

換気回数　：10 ~ 15 回/時間

照明時間　：人工照明 12 時間 (8:00 ~ 20:00)

3.8.2 飼育器材および飼育方法

ケージの種類　：ブラケット式金属製金網床ケージ (300W × 410D × 200H mm)
ただし，交尾成立雌動物については妊娠 17 日から哺育 13 日まで同ケージの金網床を小型受皿に代えて実験動物用床敷 (ホワイトフレーク，ロット番号 210719，日本チャールス･リバー株式会社) を使用した．

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

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

ケージ交換　：馴化 13 日および群分け時に実施し，その後は以下の頻度で実施した．
雄およびサテライト群雌：投与 14 日および回復 1 日
主試験群雌：交尾成立後は妊娠 0 日および 14 日ならびに哺育 7 日，交尾不成立例は投与 28 日および 42 日

受皿交換　：週 2 回以上実施した．

小型受皿の交換　：妊娠 20 日および哺育 7 日に実施した．

給餌器交換　：ケージ交換時に実施した．

自動給水装置の水抜き：雌の哺育期間を除き，週 1 回実施した．

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

室内の清掃　：1 日 1 回実施した．

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

3.8.3 飼料

種類・名称　：固型飼料，CRF-1

ロット番号　：210512，210602，210705

製造業者　：オリエンタル酵母工業株式会社

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

汚染物質等の確認　：試験に悪影響を及ぼす恐れのある汚染物質等の有無を使用した各ロットの飼料について分析した．分析はユーロフィン・フードアンドプロダクト・テスティング株式会社 (分析報告書 : Nos. AR-21-JP-000992-01-JA，AR-21-JP-001131-01- JA，AR-21-JP-001241-01-JA) および飼料製造業者 (分析試験報告書 : Nos. 21G03-014，21G03-022，21G03-035) が行い，分析データを飼料製造業者からロット毎に入手した．分析項目と許容値は試験施設の SOP に準拠した．分析の結果，いずれの項目にも許容値を超える値は認められなかった．

3.8.4 飲料水

種類　：札幌市水道水

給水方法　：自動給水装置あるいは給水器を用いて自由に摂取させた．

汚染物質等の確認　：試験に悪影響を及ぼす恐れのある汚染物質等について，2021 年 7 月 27 日および 2022 年 1 月 4 日に当該飼育室と同系列の配管の最末端 (301 号室) から試料を採取して分析した. 分析は日本衛生株式会社 (水質検査結果表：Nos. A211988，A215576) が行い，分析データを入手した．分析項目と許容値は試験施設の SOP に準拠した．分析の結果，いずれの項目にも許容値を超える値は認められなかった．

3.9 被験物質の投与

3.9.1 投与量の設定

投与量　：0 (対照)，100，300 および 1000 mg/kg/day

設定理由　：先に実施した予備試験 (SR21141P)[4] (投与量 0，100，300 および 1000 mg/kg/day，雌雄各 3 匹/群，14 日間反復経口投与) の結果，高用量の 1000 mg/kg 群まで，雌雄とも，いずれの検査項目にも，被験物質投与に関連した変化は認められなかった．以上より，本試験では試験法ガイドラインで限度用量とされる 1000 mg/kg/day を高用量とし，以下公比約 3 として 300 および 100 mg/kg/day をそれぞれ中用量および低用量に設定した．

3.9.2 試験群の構成

試験群の構成と各群の動物番号は以下の通りとした．

試験群	投与量 (mg/kg)	濃度 (mg/mL)	投与容量 (mL/kg)	動物数(動物番号) 雄	雌	識別
＜主試験群＞						
対照	0	0	5.0	12 (10101~10112)	12 (50151~50162)	白
低用量	100	20	5.0	12 (10201~10212)	12 (50251~50262)	緑
中用量	300	60	5.0	12 (10301~10312)	12 (50351~50362)	青
高用量	1000	200	5.0	12 (10401~10412)	12 (50451~50462)	赤
＜サテライト群＞						
対照(投与終了時剖検例)	0	0	5.0		5 (50551~50555)[b]	白
(回復終了時剖検例)	0	0	5.0	5 (10105, 10106, 10107, 10108, 10111)[a]	5 (50556~50560)[b]	白
高用量(投与終了時剖検例)	1000	200	5.0		5 (50651~50655)[b]	赤
(回復終了時剖検例)	1000	200	5.0	5 (10401, 10402, 10406, 10409, 10412)[a]	5 (50656~50660)[b]	赤

対照群には，他の群と同様の方法で対照物質 (媒体) のみを投与した．

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

b：非交配群

3.9.3 投与

投与経路　：経口投与

投与方法　：ディスポーザブル胃ゾンデおよびディスポーザブルシリンジを用いて

強制的に胃内に投与した.

投与回数　：1 日 1 回，連日投与した.

投与時刻　：8：46～12：16

投与期間　：雄；交配 14 日前より 28 日間

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

サテライト群については 28 日間

回復 (休薬) 期間　：投与期間終了後 14 日間

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

投与経路，投与方法，投与回数および投与期間ならびに回復期間の選定理由：

試験法ガイドラインに準拠した.

3.10 観察，測定および検査項目

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

3.10.1 反復投与毒性

3.10.1.1 一般状態観察

例数　：全例

期間　：投与 1 日から剖検日まで

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

観察方法　：個々の動物の生死，外観，行動等について観察した.

3.10.1.2 詳細な状態観察

例数　：全例

時期　：投与開始前ならびに投与 7，14，21 および 28 日

主試験群の雌については，上記に加えて投与 35，42 および 49 日

回復期間中は，回復 7 および 14 日

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

観察項目およびその方法：

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

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

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

3.10.1.3 機能検査

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

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

主試験群の雌は哺育 13 日に実施した.

観察 / 測定方法　　：あらかじめ定めたスコアリング基準を用いてスコア化した観察結果あるいは測定機器による測定値を記録した.

観察項目およびその方法：

[1] 刺激に対する感覚運動反応：検査台上で以下を観察した.

視覚刺激，触覚刺激，聴覚刺激，痛覚刺激，固有受容器刺激，空中正向反射

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

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

20～30，30～40，40～50 および 50～60 分) で 1 時間測定した.

3.10.1.4 体重測定

例数　　：全例

測定日　　：雄およびサテライト群の雌は，投与 1，4，7，14，21 および 28 日の投与前，回復 1，7 および 14 日ならびに剖検日.

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

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

体重増加量　　：以下の式により算出した.

<雄およびサテライト群の雌>

投与期間；

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

回復期間；

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

<主試験群の雌>

交配前投与期間；

体重増加量 (g)＝投与 14 日体重 (g)－投与 1 日体重 (g)

妊娠期間；

体重増加量 (g)＝妊娠 20 日体重 (g)－妊娠 0 日体重 (g)

哺育期間；

体重増加量 (g)＝哺育 13 日体重 (g)－哺育 0 日体重 (g)

3.10.1.5 摂餌量測定

例数　　：全例

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

測定方法　　：電子式上皿天秤 (GX-2000，株式会社 エー・アンド・デイ) を用いて各ケージの給餌量および／または残餌量を測定した.

次式より, 1 匹あたりの 1 日の平均摂餌量 (g/day) を算出した. ただし,

哺育期間中の雌については，1 腹あたりの摂取量として表わした．

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

3.10.1.6 尿検査

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

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

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

検査項目および検査方法：

[1]	pH	試験紙法
[2]	蛋白 (Protein)	試験紙法
[3]	糖 (Glucose)	試験紙法
[4]	ケトン体 (Ketone body)	試験紙法
[5]	ウロビリノーゲン (Urobilinogen)	試験紙法
[6]	ビリルビン (Bilirubin)	試験紙法
[7]	潜血反応 (Occult blood)	試験紙法
[8]	色調 (Color)	肉眼観察
[9]	尿沈渣 (Urinary sediments)	Sternheimer 染色法
[10]	尿量 (Urine Volume)	容量測定
[11]	比重 (Specific gravity)	屈折計法

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

3.10.1.7 血液学的検査

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

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

検査方法　：夕刻からの一晩の絶食下 (16 ~ 19 時間) でラットをイソフルラン (動物用イソフルラン，マイラン製薬株式会社) 麻酔し，腹部大動脈より採

血した．検査項目のうち [1]～[10] についてはEDTA･2K (ベノジェクトII真空採血管, テルモ株式会社) で処理した血液約1 mLを用い, [11], [12] については3.8%クエン酸ナトリウムで処理した血液約1 mL (3.8%クエン酸ナトリウム溶液0.1 mL+血液0.9 mL) を遠心分離 (約2000 × *g*，10分，4°C) し，得られた血漿を用いた．主試験群の雌の血漿は，採取後凍結保存 (−80°C設定) し，測定時に融解して用いた．得られた血液および血漿は検査終了後廃棄した．全例の白血球分画が得られたため，白血球塗抹標本は作製しなかった．

検査項目および検査方法：

[1]	赤血球数 (RBC)	電気抵抗検出法
[2]	ヘマトクリット値 (HCT)	電気抵抗検出法
[3]	ヘモグロビン濃度 (HGB)	SLSヘモグロビン法
[4]	平均赤血球容積 (MCV)	RBC，HCT値より算出
[5]	平均赤血球ヘモグロビン量 (MCH)	RBC，HGB値より算出
[6]	平均赤血球ヘモグロビン濃度 (MCHC)	HCT，HGB値より算出
[7]	血小板数 (Platelet)	電気抵抗検出法
[8]	網赤血球数 (Reticulocyte)	フローサイトメトリー法
[9]	白血球数 (WBC)	フローサイトメトリー法
[10]	白血球分画 (Differential count of WBC)	フローサイトメトリー法
	1 好中球 (Neutrophil, 10^2/μL)	
	2 好酸球 (Eosinophil, 10^2/μL)	
	3 好塩基球 (Basophil, 10^2/μL)	
	4 単球 (Monocyte, 10^2/μL)	
	5 リンパ球 (Lymphocyte, 10^2/μL)	
[11]	プロトロンビン時間 (PT)	トロンボプラスチン法
[12]	活性化部分トロンボプラスチン時間 (APTT)	エラジン酸法

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

3.10.1.8 血液化学的検査

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

時期　：剖検時に採血した．

検査方法　：夕刻からの一晩の絶食下 (16～20時間) でラットをイソフルラン麻酔し，腹部大動脈より採血した．検査項目のうち [1]，[5] については血液1 mLあたりヘパリンナトリウム (ヘパリンナトリウム注N「AY」, 1000単位/mL，エイワイファーマ株式会社) 約20単位で処理後，遠

心分離 (約 2000 × *g*，10 分，4°C) して得られた血漿を用いて検査した．他の項目については分離剤入り試験管 (セパクリーン A，栄研化学株式会社) に血液を採取し，遠心分離 (約 2000 × *g*，10 分，4°C) して得られた血清を用いて検査した．主試験群の雌の血清および血漿は，採取後凍結保存 (−80°C 設定) し，測定時に融解して用いた．また，得られた血清の一部をホルモン測定用として，ポリプロピレン製チューブ 4 本に約 150 μL ずつ分注して凍結保存 (−80°C 設定) し，主試験群の雄について測定時に融解して [21] の項目に用いた．主試験群の雄および生後 13 日の新生児の測定の結果，被験物質投与に関連する変化は認められなかったことから，主試験群の雌およびサテライト群の雌雄の動物の T4 濃度測定は行わなかった．検査終了後，ホルモン測定用血清は−60°C 以下で，その他の血漿および血清は−20°C 以下で凍結保存し，試験終了日までに廃棄した．

検査項目および検査方法：

[1]	AST	JSCC 法
[2]	ALT	JSCC 法
[3]	アルカリホスファターゼ (ALP)	JSCC 法
[4]	γ-GTP	L-γ-グルタミル-3-カルボキシ-4-ニトロアニリド基質法
[5]	グルコース (Glucose)	ヘキソキナーゼ法
[6]	総コレステロール (T-Cho)	酵素法
[7]	トリグリセリド (TG)	遊離グリセロール消去法
[8]	総ビリルビン (T-Bil)	酵素法
[9]	総胆汁酸 (TBA)	酵素サイクリング法
[10]	尿素窒素 (UN)	ウレアーゼ－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)	アガロースゲル電気泳動法
	1 アルブミン (Albumin, %)	
	2 α_1-グロブリン (α1-G, %)	
	3 α_2-グロブリン (α2-G, %)	
	4 β-グロブリン (β-G, %)	

5　γ-グロブリン (γ-G, %)

[21]　甲状腺ホルモン (T4)　　ELISA 法 (測定回数：n=2)

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

3.10.1.9 剖検

例数　：全例

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

検査方法　：体外表を観察し，イソフルラン麻酔下で，腹部大動脈より採血後，放血により安楽死させ，全身の器官・組織を肉眼的に観察した．主試験群の雌では，着床数を数えた．以下の器官・組織を 10%中性緩衝ホルマリン液に固定・保存した．肺については，気管から固定液を注入後固定した．ただし，眼球およびハーダー腺はデビッドソン液で固定・保存し，精巣および精巣上体はブアン液で固定，70%エタノールに保存した．左右のある器官については，左右とも固定・保存した.

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

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

3.10.1.10 器官重量測定

例数　：全例

時期　：剖検時

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

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

相対重量の算出　：絶対重量と剖検日に測定した体重から相対重量を算出した.
相対重量 (g/100 g または mg/100 g)
＝[絶対重量 (g または mg) / 剖検日体重 (g)] × 100

3.10.1.11 病理組織学的検査

例数　：主試験群の雌雄およびサテライト群の雌 (投与終了時剖検例) は，剖検時に固定･保存した対照群および高用量群の全器官･組織について標本作製を実施し，全例について鏡検した. 鏡検の結果，高用量群に被験物質投与に関連する変化が認められなかったことから，主試験群の低用量および中用量群ならびに回復群の検査は実施しなかった.

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

3.10.2 生殖発生毒性

3.10.2.1 性周期検査

例数　：主試験群の雌の全例

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

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

判定　：性周期の各段階 (発情前期，発情期，発情後期および発情間期) を 4 日から 6 日の間隔で繰り返すものを正常と判定した. 発情間期が 7 日以上継続してみられるものを連続非発情として異常と判定した.

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

3.10.2.2 生殖能検査

例数　：主試験群の雌雄の全例

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

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

交尾成立の確認方法　：膣内または受皿上に落下した膣栓，あるいは膣垢スメア標本中の精子確認により判定した．いずれかが認められた日を妊娠 0 日とした．同居開始から交尾成立までの所要日数を計数した．

次式から群毎に交尾率を算出した．

雄の交尾率 (%) ＝ (交尾成立雄数 / 同居させた雄数) × 100

雌の交尾率 (%) ＝ (交尾成立雌数 / 同居させた雌数) × 100

受胎能　：妊娠の確認を分娩の有無および剖検時に子宮内の着床痕の有無により行った．動物番号 50455 については，剖検時に子宮内の着床痕が確認されなかったため不妊と判断した．

次式から群毎に受胎率を算出した．

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

雌の受胎率 (%) ＝ (妊娠雌数 / 交尾成立雌数) × 100

3.10.2.3 分娩および哺育状態観察

例数　：交尾成立した雌の全例

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

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

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

出産率 (%) ＝ (正常出産雌数 / 妊娠雌数) × 100

妊娠期間の算出　：妊娠 0 日から哺育 0 日までの期間を日数で表わした．

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

表異常児を持つ腹の頻度を群毎に算出した.

分娩率 (%) ＝ (生後 0 日の出産児数 / 着床数) × 100

外表異常児出現率 (%) = (外表異常児数 / 出産生児数) × 100

外表異常児を持つ腹の頻度 ＝ 外表異常児を持つ腹数 / 正常出産雌数

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

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

出産児の性比 (%) ＝ (雄出産児数 / 出産児数) × 100

3.10.2.4 哺育児数の調整

例数 ：全腹

時期 ：生後 4 日

調整方法 ：各腹の哺育児数が 8 匹となるように雌雄別に無作為に選抜した．選抜する哺育児の数は原則として雌雄同数としたが，1 腹の雄または雌の哺育児数が 4 匹未満の場合は総数が 8 匹となるよう (例えば雄 3 匹，雌 5 匹) に調整した．1 腹の哺育児数が 8 匹以下の場合は，そのまま哺育させた．選抜されなかった哺育児は，採血する動物は断頭で，その他の動物はペントバルビタールナトリウム (Pentobarbital Sodium Salt, 東京化成工業株式会社) を 60 mg/mL 含有する溶液の腹腔内注射により安楽死させた.

3.10.2.5 新生児の一般状態観察

例数 ：全例

頻度 ：1 回／日

期間 ：生後 0 日から生後 13 日 (剖検日) まで

観察方法 ：生存または死亡の確認，一般状態を観察した.

死亡例は発見後速やかに剖検し，Whole body を 10%中性緩衝ホルマリン液で固定･保存した.

新生児生存率の算出 ：生後 0，4 および 13 日の新生児生存率を次式から腹毎に算出した.

生後 0 日生存率 (%) ＝ (生後 0 日生存児数 / 出産児数) × 100

生後 4 日生存率 (%)

＝ (生後 4 日生存児数 / 生後 0 日生存児数) × 100

生後 13 日生存率 (%)

＝ (生後 13 日生存児数 / 生後 4 日に選抜した児数) × 100

3.10.2.6 新生児の体重測定

例数　　：生存児全例

時期　　：生後 0，4，7 および 13 日

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

3.10.2.7 新生児の肛門生殖突起間距離 (AGD)

例数　　：生存児全例

時期　　：生後 4 日

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

3.10.2.8 新生児の乳頭数

例数　　：雄生存児全例

時期　　：生後 13 日

計数方法　　：個々の新生児の乳頭数を計数した．腹あたりの平均乳頭数を求めた．

3.10.2.9 新生児の血清 T4 濃度測定

例数　　：各腹の生存児 2 例．ただし，採血の対象となる生存児が 1 匹の場合は 1 匹から血清を採取し, 生存児がいない場合は血清の採取は行わなかった．

時期　　：生後 4 日 (選抜されなかった哺育児) および生後 13 日

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

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

児の T4 濃度測定は行わなかった.

3.10.2.10 新生児の剖検

時期　　：生後 13 日

例数　　：全例

検査方法　　：体外表 (口腔内を含む) を観察し，採血する動物は断頭で，その他の動物についてはペントバルビタールナトリウムを 60 mg/mL 含有する溶液の腹腔内注射により安楽死させ，全身の器官･組織を肉眼的に観察した．各腹雌雄 1 例 (ただし，動物番号 50454 は雌 1 例) について，甲状腺を 10%中性緩衝ホルマリンに固定・保存した.

3.11 統計学的方法

コンピュータシステム (MiTOX) を用いて実施した.

主試験群における握力 (3 回の平均)，自発運動量，体重，体重増加量，摂餌量，尿量，血液学的検査，血液化学的検査，器官の絶対重量および相対重量，発情期間隔，発情回数，交尾所要日数および着床数，出産児数，出産時の生存児数および死亡児数，分娩率，妊娠期間ならびに新生児の雌雄別体重，肛門生殖突起間距離，乳頭数，外表異常児出現率および生存率の成績について群平均および標準偏差を算出し，Bartlett の検定法を行い，等分散性を解析した．等分散 ($p \geq 0.05$) の場合は一元配置分散分析法で解析し，不等分散 ($p < 0.05$) の場合は Kruskal-Wallis の検定法で解析した．一元配置分散分析の結果，有意差がみられた場合 ($p < 0.1$) は Dunnett の検定法を用いて対照群と被験物質投与群の間の有意差を検出した．Kruskal-Wallis 法の解析の結果，有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いた．なお，新生児の雌雄別体重，外表異常児出現率，生存率，肛門生殖突起間距離および乳頭数については，1 腹を標本単位として処理した.

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

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

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

差を検出した．

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

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

対照群との比較検定については，5%未満を有意とした．

3.12 コンピュータシステムの利用

以下に示すデータの収集には MiTOX を使用した．

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

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

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

4 成績

4.1 反復投与毒性

4.1.1 一般状態

一般状態の成績を Table 1-1 ~ 1-9，Appendix 1-1 ~ 1-29 に示す．

[投与期間]

(1) 雄：主試験群

対照群および被験物質投与群では，いずれの動物にも異常はみられなかった．

(2) 雌：主試験群

対照群および被験物質投与群では，交配前期間，妊娠期間および哺育期間を通じて，いずれ

の動物にも異常はみられなかった.

(3) 雌：サテライト群 (非交配群)

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

[回復期間]

(1) 雄：サテライト群

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

(2) 雌：サテライト群 (非交配群)

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

4.1.2 詳細な状態観察

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

[投与期間]

(1) 雄：主試験群

いずれの項目にも被験物質投与群と対照群の間に有意な差はみられなかった.

(2) 雌：主試験群

いずれの項目にも被験物質投与群と対照群の間に有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

4.1.3 機能検査

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

[投与期間]

(1) 雄：主試験群 (投与 4 週)

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

(2) 雌：主試験群 (哺育 13 日)

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みられなかった．1000 mg/kg 群では，自発運動量において 40 ~ 50 分の間に対照群と比較して有意な高値がみられたが，その他の測定間隔および 1 時間の合計では有意な差は認められないことから，被験物質投与と関連しないと考えられた．

(3) 雌：サテライト群 (非交配群，投与 4 週)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

4.1.4 体重

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

[投与期間]

(1) 雄：主試験群

被験物質投与群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．

(2) 雌：主試験群

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

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった．

4.1.5 摂餌量

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

[投与期間]

(1) 雄：主試験群

被験物質投与群では，摂餌量に対照群と比較して有意な差はみられなかった．

(2) 雌：主試験群

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

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，摂餌量に対照群と比較して有意な差はみられなかった．

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群では，摂餌量に対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，摂餌量に対照群と比較して有意な差はみられなかった.

4.1.6 尿検査

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

[投与 4 週]

(1) 雄：主試験群

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

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

[回復 2 週]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

4.1.7 血液学的検査

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

[投与期間終了時]

(1) 雄：主試験群

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

(2) 雌：主試験群

100 mg/kg 群では，対照群と比較して好酸球数 (Eosinophil) に有意な高値がみられたが，用量に依存していないことから，偶発的変動と考えられた．300 および 1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して網赤血球数に有意な高値がみられた．しかし，赤血球数やヘモグロビン濃度等の関連項目に変化はみられず，個々の値は試験施設の背景データ (平均値±SD 2.664±0.643%, 最小値 ~ 最大値 1.55 ~ 4.15%, 例数 65, 試験期間 2017 ~ 2020 年)[5] の範囲内にあることから，被験物質投与との関連はないと考えられた.

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

4.1.8 血液化学的検査

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

[投与期間終了時]

(1) 雄：主試験群

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

(2) 雌：主試験群

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

(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 AST および β-グロブリン (β-G) に有意な低値がみられた．しかし，AST の低値については臨床的意義に乏しいことから，偶発的な変動と考えられた．β-G については，他のグロブリン分画に変化が認められないことと，個々の値は試験施設の背景データ (平均値±SD 14.27±1.14%，最小値 ~ 最大値 11.8 ~ 17.5%；例数 65，試験期間 2017 ~ 2020 年)[5] の範囲内にあることから，被験物質投与との関連はないと考えられた．

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では，，β-G に対照群と比較して有意な高値がみられた．しかし，投与期間終了時にはみられない変化であり，個々の値は試験施設の背景データ (平均値±SD 16.15±1.37%，最小値 ~ 最大値 12.9 ~ 20.4%，例数 85，試験期間 2017 ~ 2020 年)[5] の範囲内にあることから，毒性学的意義はないと考えられた．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，ALP およびクレアチニンに対照群と比較して有意な低値がみられた．しかし，投与期間終了時にはみられない変化であり，これらの項目の低値は臨床的意義に乏しいことから，偶発的な変動と考えられた．

4.1.9 血清 T4 濃度

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

[投与期間終了時]

(1) 雄：主試験群

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

4.1.10 剖検

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

[投与期間終了時]

(1) 雄：主試験群

対照群では，精巣 (左) および精巣上体 (左) の小型が 1 例 (動物番号 10112) にみられた.

被験物質投与群では，いずれの動物にも異常所見はみられなかった.

(2) 雌：主試験群

対照群および被験物質投与群では，いずれの動物にも異常所見はみられなかった.

(3) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群では，いずれの動物にも異常所見はみられなかった.

[回復期間終了時]

(1) 雄：サテライト群

対照群および 1000 mg/kg 群ともに異常所見はみられなかった.

(2) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群ともに異常所見はみられなかった.

4.1.11 器官重量

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

[投与期間終了時]

(1) 雄：主試験群

被験物質投与群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった.

(2) 雌：主試験群

100 および 300 mg/kg 群では，対照群と比較して下垂体の絶対および相対重量に有意な低値がみられたが, 1000 mg/kg 群では有意な差は認められないことから, 偶発的変動と考えられた. 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みられなかった.

(3) 雌：サテライト群 (非交配群)

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

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では, 甲状腺の絶対および相対重量に対照群と比較して有意な高値がみられた. しかし，これらは投与期間終了時にはみられない変化であり，個々の値は試験施設の背景データ (絶対重量，平均値±SD 25.06±5.27 mg，最小値 ～ 最大値 12.7 ~ 40.7 mg ; 相対重量，平均値±SD 4.880±0.934 mg/100 g BW，最小値 ～ 最大値 2.61 ~ 7.52 mg/100 g BW ; 例数 81，試験期間 2017 ~ 2020 年)[6] の範囲内にあることから，毒性学的意義はないと考えられた.

(2) 雌：サテライト群 (非交配群)

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

4.1.12 病理組織学的検査

病理組織学的所見を Table 16-1 ~ 16-26，Appendix 16-1 ~ 16-19 に示す.

[投与期間終了時]

(1) 雄：主試験群

対照群では, 肺に肺胞マクロファージ集簇が 1 例 (軽微), 顎下腺に炎症性細胞浸潤が 1 例 (軽微), 肝臓に小葉中心性肝細胞空胞化が 1 例 (軽微), 心臓に限局性の炎症性細胞浸潤が 1 例 (軽度), 腎臓に限局性の尿細管好塩基性化が 4 例 (軽微), 精巣にセルトリ精細管が 1 例 (重度), 精巣上体に精子細胞減少が 1 例 (重度), 内腔の細胞残屑が 1 例 (軽微), 精子肉芽腫が 2 例 (軽微 1, 軽度 1), 前立腺に間質の炎症が 4 例 (軽微 3, 中等度 1), 胸腺に上皮遺残が 2 例 (軽微), ハーダー腺に限局性の炎症性細胞浸潤が 3 例 (軽微) にみられた.

1000 mg/kg 群では, 肺に限局性の出血が 1 例 (軽微), 肺胞マクロファージ集簇が 1 例 (軽微), 心臓に限局性の炎症性細胞浸潤が 1 例 (軽微), 精巣に精細管変性が 1 例 (軽微), 精巣上体に内腔の細胞残屑が 1 例 (軽微), 前立腺に間質の炎症が 3 例 (軽微 2, 軽度 1), 胸腺に上皮遺残が 1 例 (軽微), 下垂体に前葉嚢胞が 1 例 (軽度), 甲状腺に鰓後体遺残が 4 例 (軽微) にみられた. しかし，これらは対照群または試験施設の背景データ [7] に認められる所見であるか，あるいは発現頻度に対照群との間に有意な差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，同群における交尾不成立または雌が不妊だった動物では，生殖能異常の原因と考えられる異常は認められなかった.

(2) 雌：主試験群

対照群では，肺に肺胞マクロファージ集簇が 1 例 (軽微)，胃に腺胃びらんが 1 例 (軽微), 胸腺に上皮遺残が 1 例 (軽微)，甲状腺に鰓後体遺残が 3 例 (軽微) にみられた.

1000 mg/kg 群では，肺に肺胞マクロファージ集簇が 2 例 (軽微)，膵臓に限局性の腺房細胞

萎縮が 2 例 (軽微), 肝臓に限局性壊死が 1 例 (軽微), 腎臓に腎盂粘膜炎症性細胞浸潤が 1 例 (軽微), 限局性の尿細管好塩基性化が 1 例 (軽微), 胸腺に上皮遺残が 3 例 (軽微), 甲状腺に鰓後体遺残が 2 例 (軽微), 副腎に限局性の皮質過形成が 1 例 (軽微) にみられた. しかし, これらは対照群または試験施設の背景データ [7] に認められる所見であるか, あるいは発現頻度に対照群との間に有意な差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. 同群における交尾不成立または不妊動物では, 甲状腺に鰓後体遺残 (軽微) または胸腺に上皮遺残 (軽微) が各 1 例みられのみで, 生殖能異常の原因と考えられる異常は認められなかった.

(3) 雌：サテライト群 (非交配群)

対照群では, 腎臓に腎盂粘膜炎症性細胞浸潤が 2 例 (軽微), 眼球に網膜異形成が 1 例 (軽微), ハーダー腺に限局性の炎症性細胞浸潤が 2 例 (軽微) にみられた.

1000 mg/kg 群では, 肺に限局性の炎症が 1 例 (軽微), 肝臓に小葉周辺性肝細胞空胞化が 1 例 (軽微), 卵巣に黄体嚢胞が 1 例 (軽度), 胸腺に上皮遺残が 2 例 (軽微), 下垂体に前葉嚢胞が 1 例 (軽微), 甲状腺に鰓後体遺残が 1 例 (軽微), ハーダー腺に限局性の炎症性細胞浸潤が 1 例 (軽微) にみられた. しかし, これらは対照群または試験施設の背景データ [7] に認められる所見であるか, あるいは発現頻度に対照群との間に有意な差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 17, Appendix 17-1 ~ 17-8 に示す.

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

4.2.2 生殖能検査

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

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

4.2.3 分娩および哺育状態観察

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

着床数, 分娩率, 妊娠期間, 出産率, 出産児数, 出産時の生存児数および死亡児数, ならびに性比には, 被験物質投与群と対照群の間に有意な差はみられなかった. 出産生児の外表検査では, いずれの動物にも異常はみられなかった.

4.2.4 新生児の一般状態および生存率

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

生後 0 日から 4 日の一般状態観察では, 300 mg/kg 群の雌 1 例 (母動物番号 50361) に外傷がみられた．その他の試験群では異常はみられなかった．生後 5 日から 13 日の一般状態観察では，いずれの試験群にも異常はみられなかった．生後 0 日，4 日および 13 日の新生児の生存率には，被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.5 新生児の体重

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

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

4.2.6 新生児の肛門生殖突起間距離 (AGD)

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

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

4.2.7 新生児の乳頭数

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

乳頭は，生後 13 日の雄新生児のいずれにも観察されなかった.

4.2.8 新生児の血清 T4 濃度

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

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

4.2.9 新生児の剖検

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

生後 13 日の生存児の剖検では，いずれの試験群にも異常はみられなかった.

生後 0-5 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みられなかった. 生後 6-13 日の間には死亡児はみられなかった.

5 考察

5.1 反復投与毒性

100，300 および 1000 mg/kg 群のいずれの被験物質投与群においても，投与期間中の一般状態，詳細な状態観察，機能検査，尿検査，体重，体重増加量，摂餌量，血液学的検査，血液化学的検査，T4 濃度，器官重量，剖検および病理組織学的検査の各検査項目に，被験物質投与に関連する変化はみられなかった．

回復群の観察では，いずれの検査項目においても，被験物質投与に関連する変化はみられなかった．

以上のことから，本試験条件下における 2-エチルヘキサン-1-イル=パルミタートの反復投与毒性に関する無毒性量 (NOAEL) は雌雄とも 1000 mg/kg/day と考えられた．

5.2 生殖発生毒性

生殖能検査では，性周期の異常の発現率，発情期間隔および発情回数，交尾率，受胎率，交尾所要日数，着床数，分娩率，妊娠期間，出産率，出産児数，ならびに出産時の生存児数および死亡児数に，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った．

新生児の体重，一般状態，生存率，性比，外表異常児出現率，外表異常児を持つ腹の頻度，肛門生殖突起間距離，乳頭数，T4 濃度および剖検に，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った．

以上のことから，本試験条件下における 2-エチルヘキサン-1-イル=パルミタートの親動物の生殖ならびに新生児の発生に対する無毒性量 (NOAEL) はいずれも 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

試験成績の信頼性に影響を及ぼしたと思われる環境要因はなかった．

7 資料の保存

7.1 資料の種類

以下を株式会社化合物安全性研究所の資料保存室に保存する．

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

5．被験物質サンプル

7.2 保存期間

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

7.3 試験場所での保存期間

Annex 2 に従う．

8 参考資料

1) 安全データシート：2-Ethylhexyl Palmitate, [redacted]
2) ChemBK website：2-Ethylhexyl palmitate
3) [redacted]試薬ウエブサイト，2-Ethylhexyl Palmitate
4) 最終報告書：2-エチルヘキサン-1-イル=パルミタート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 (SR21141P)，株式会社化合物安全性研究所 2021 年
5) 血液学的検査/血液化学的検査 背景データ Crl:CD(SD) ラット (雌雄：16 ~ 18 週齢) (2017 ~ 2020 年) 株式会社化合物安全性研究所 社内資料
6) 器官重量 背景データ Crl:CD(SD) ラット (雄 : 16 ~ 18 週齢) (2017 ~ 2020 年) 株式会社化合物安全性研究所 社内資料
7) 病理組織学的検査 背景データ Crl:CD(SD) ラット (雌雄：16 ~ 18 週齢) (2017 ~ 2020 年) 株式会社化合物安全性研究所 社内資料

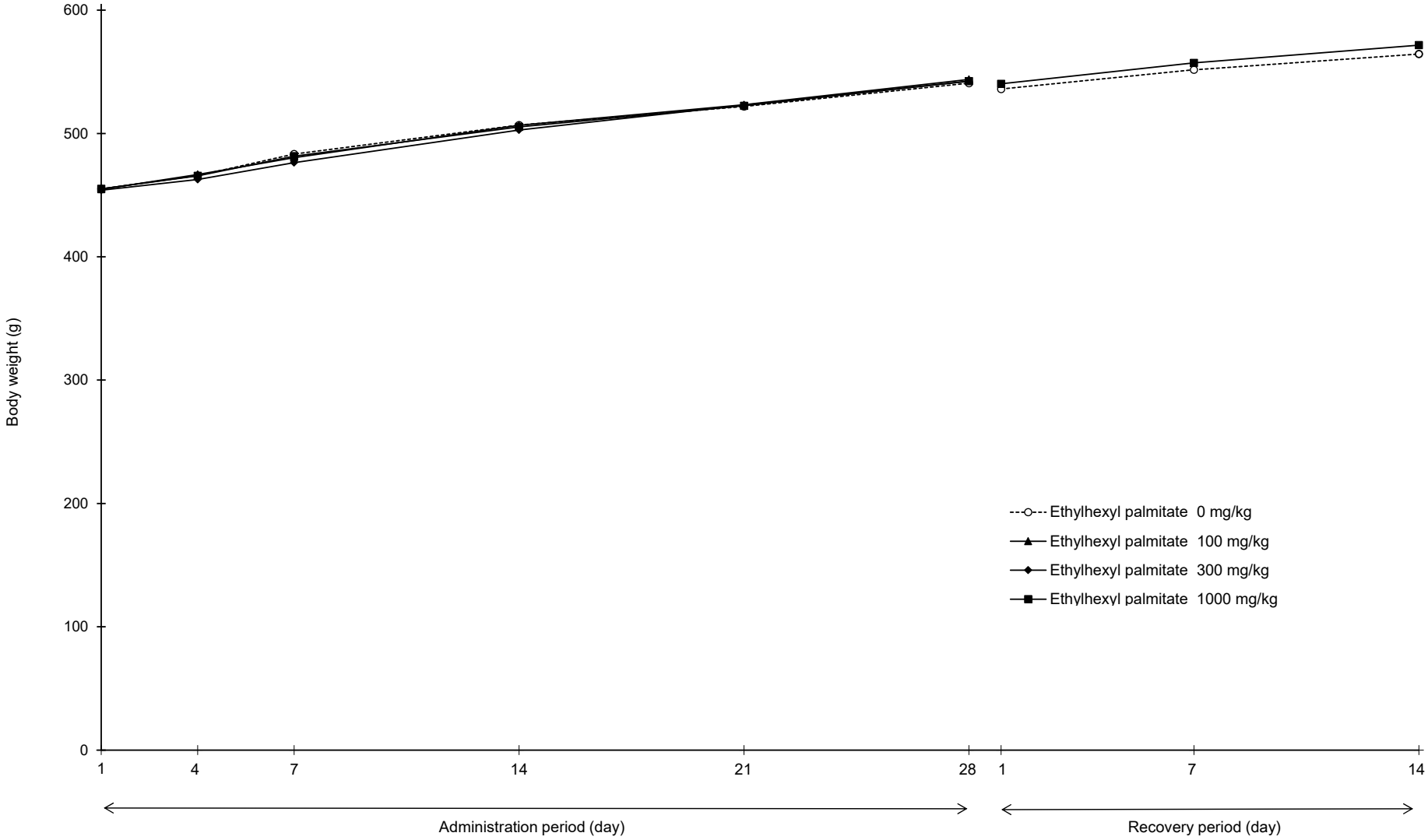
Figure 1 - 1

Study No. : SR21141

Body weight, Male

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

Species : Rat



Not significantly different from Ethylhexyl palmitate 0 mg/kg

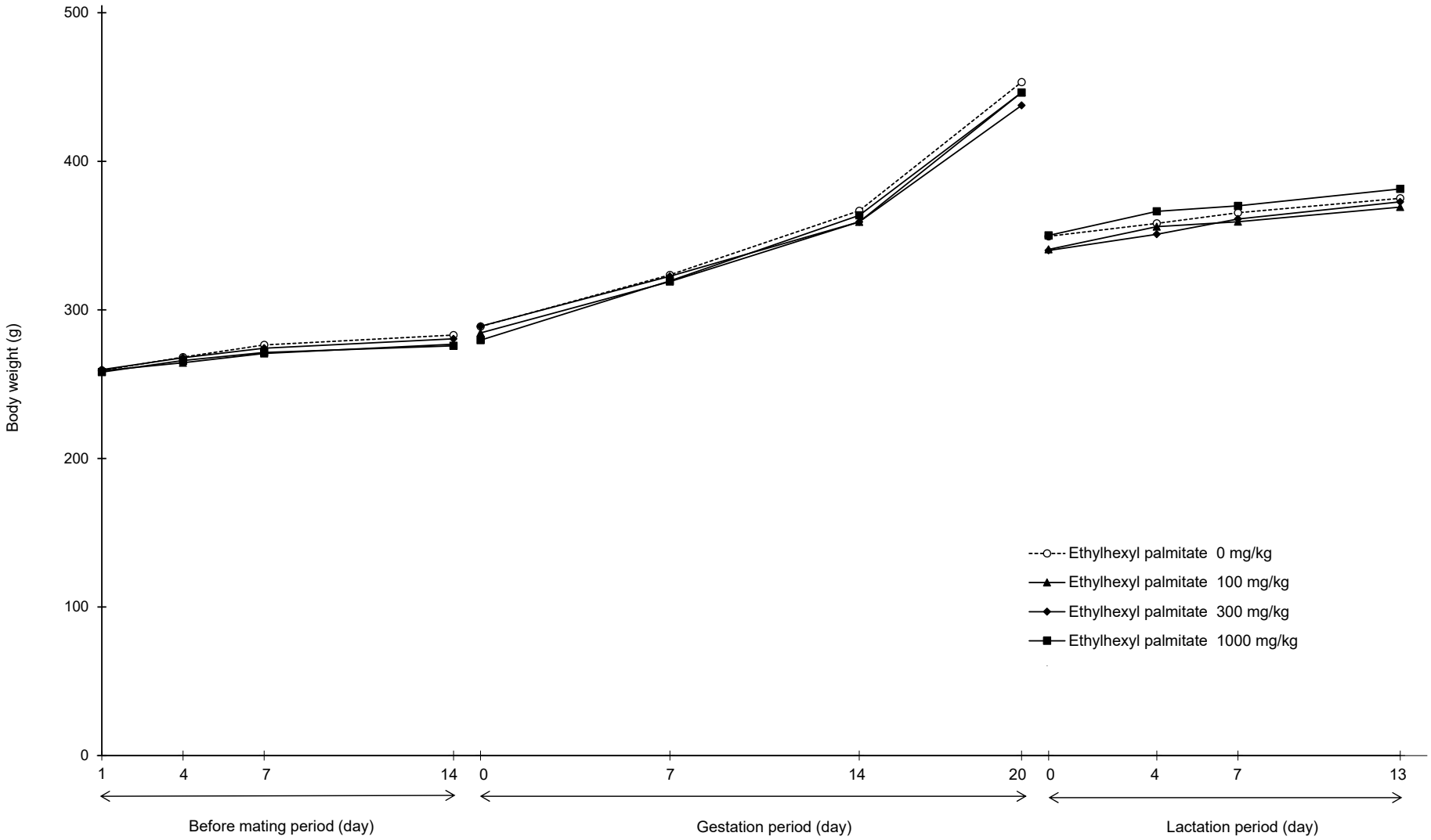
Figure 1 - 2

Study No. : SR21141

Body weight, Female

Period : Administration Day 1-14, Gestation Day 0-20, Lactation Day 0-13

Species : Rat



Not significantly different from Ethylhexyl palmitatee 0 mg/kg

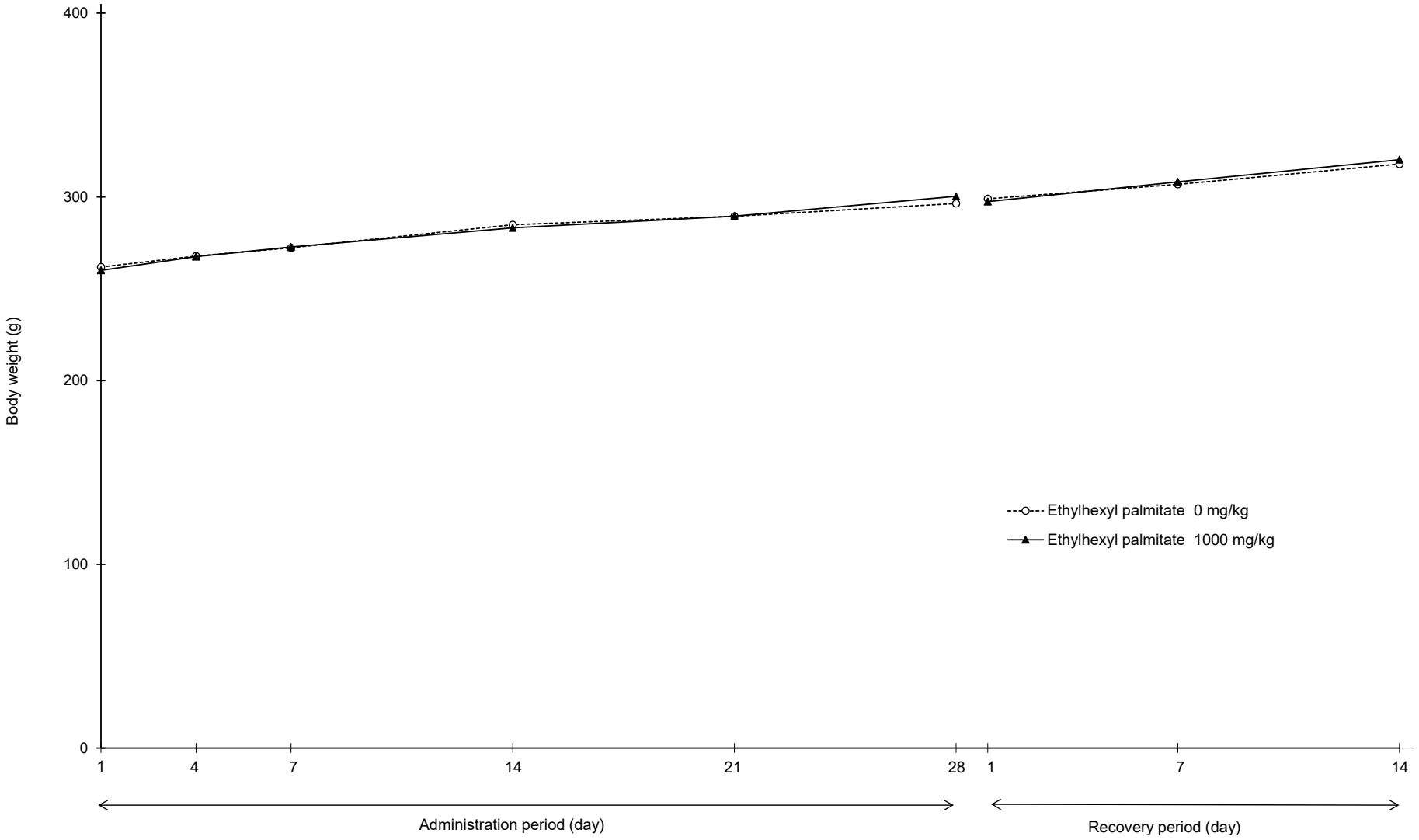
Figure 1 - 3

Study No. : SR21141

Body weight, Female (satellite)

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

Species : Rat



Not significantly different from Ethylhexyl palmitate 0 mg/kg

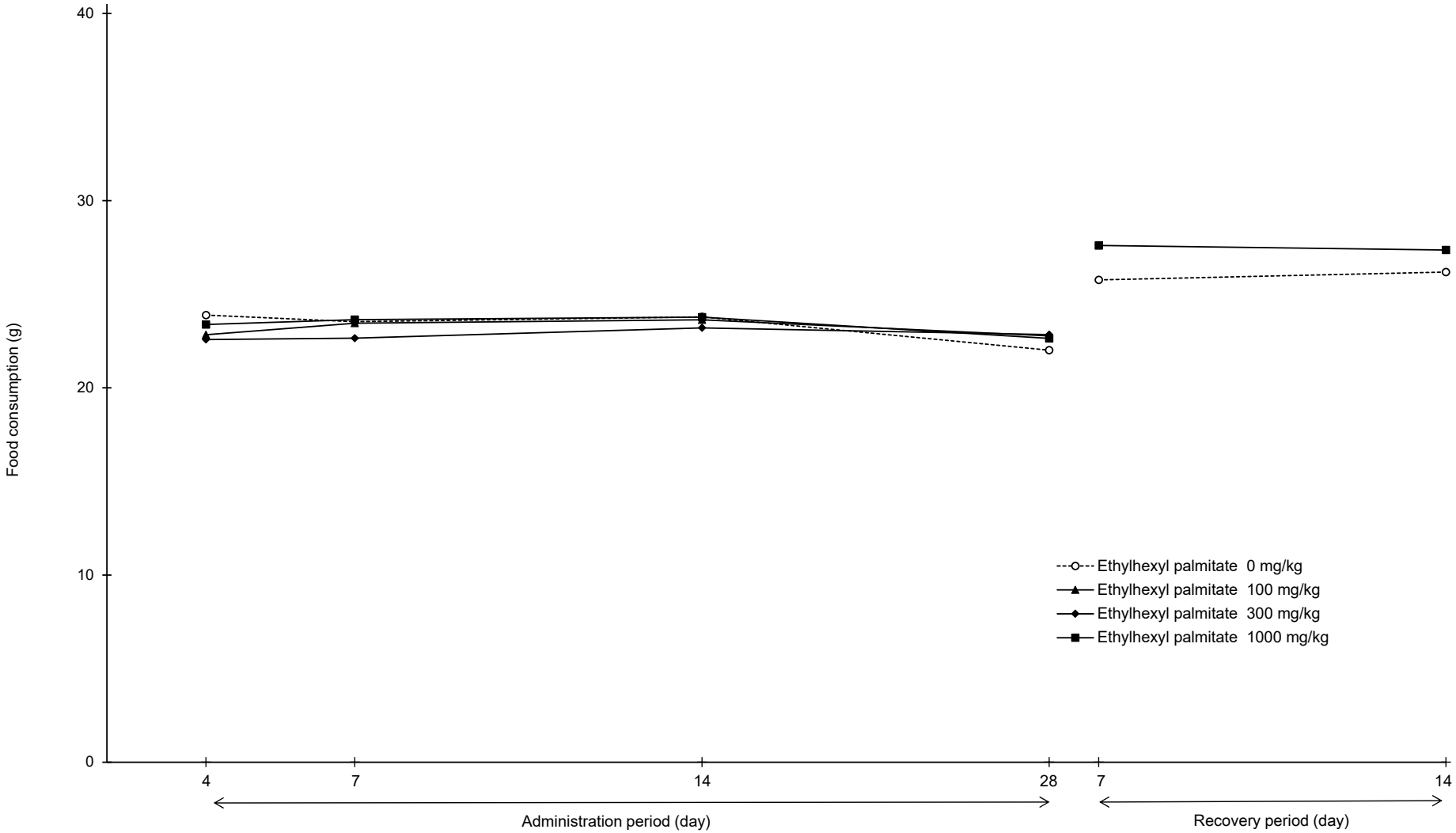
Figure 2 - 1

Study No. : SR21141

Food consumption, Male

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

Species : Rat



Not significantly different from Ethylhexyl palmitate 0 mg/kg

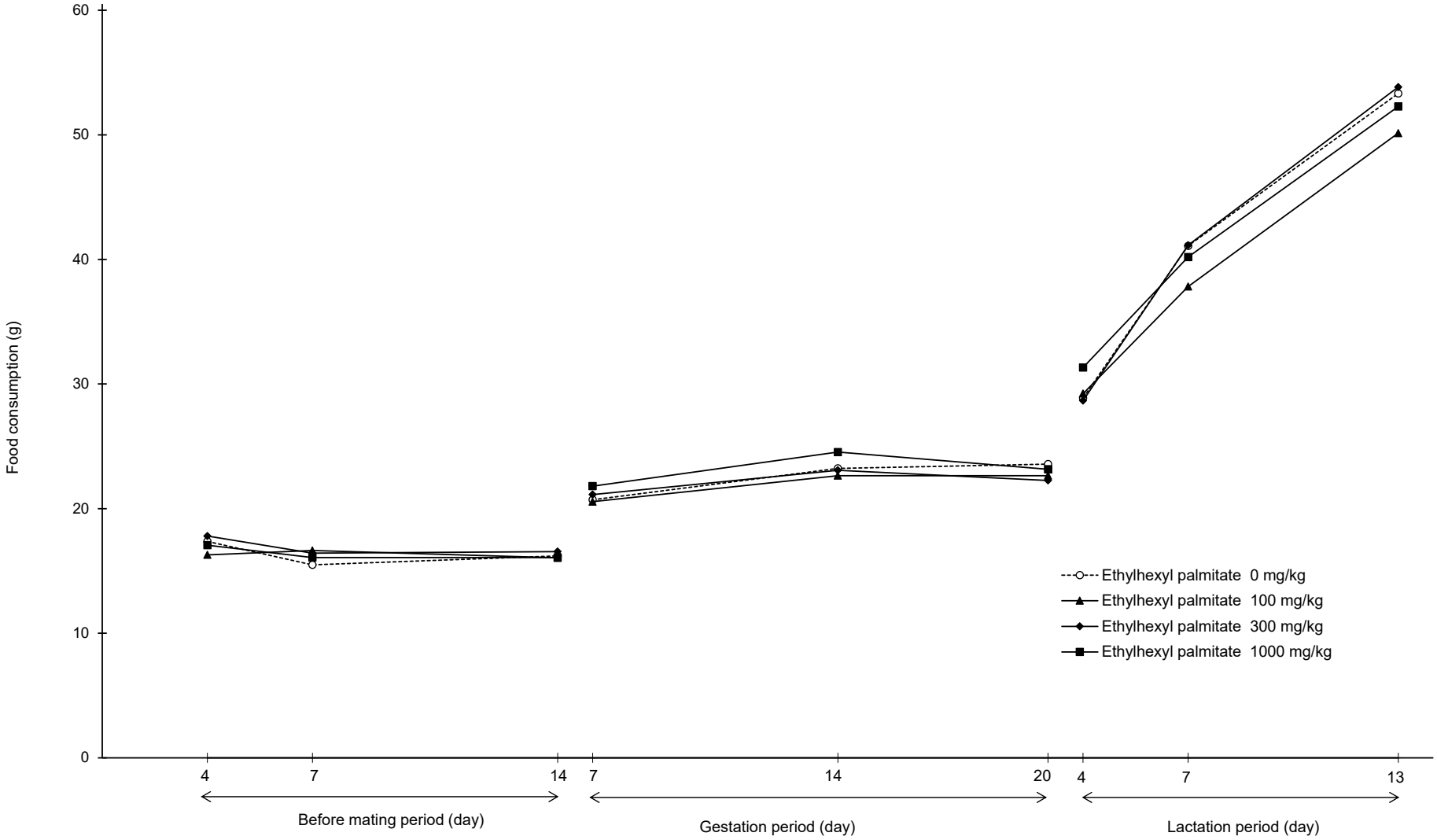
Figure 2 - 2

Study No. : SR21141

Food consumption, Female

Period : Administration Day 1-14, Gestation Day 0-20, Lactation Day 0-13

Species : Rat



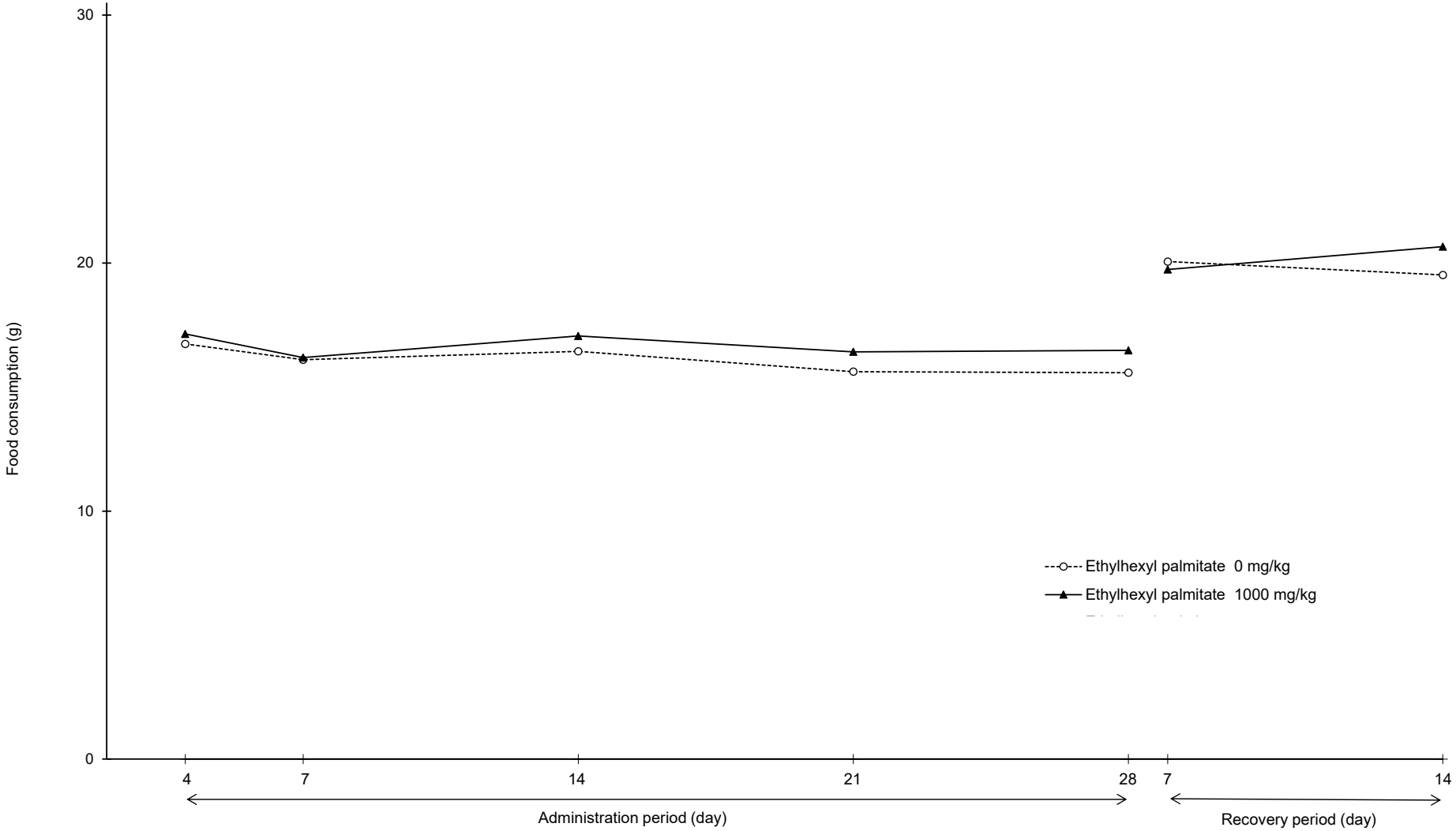
Not significantly different from Ethylhexyl palmitate 0 mg/kg

Figure 2 - 3

Study No. : SR21141

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

Species : Rat



Not significantly different from Ethylhexyl palmitate 0 mg/kg

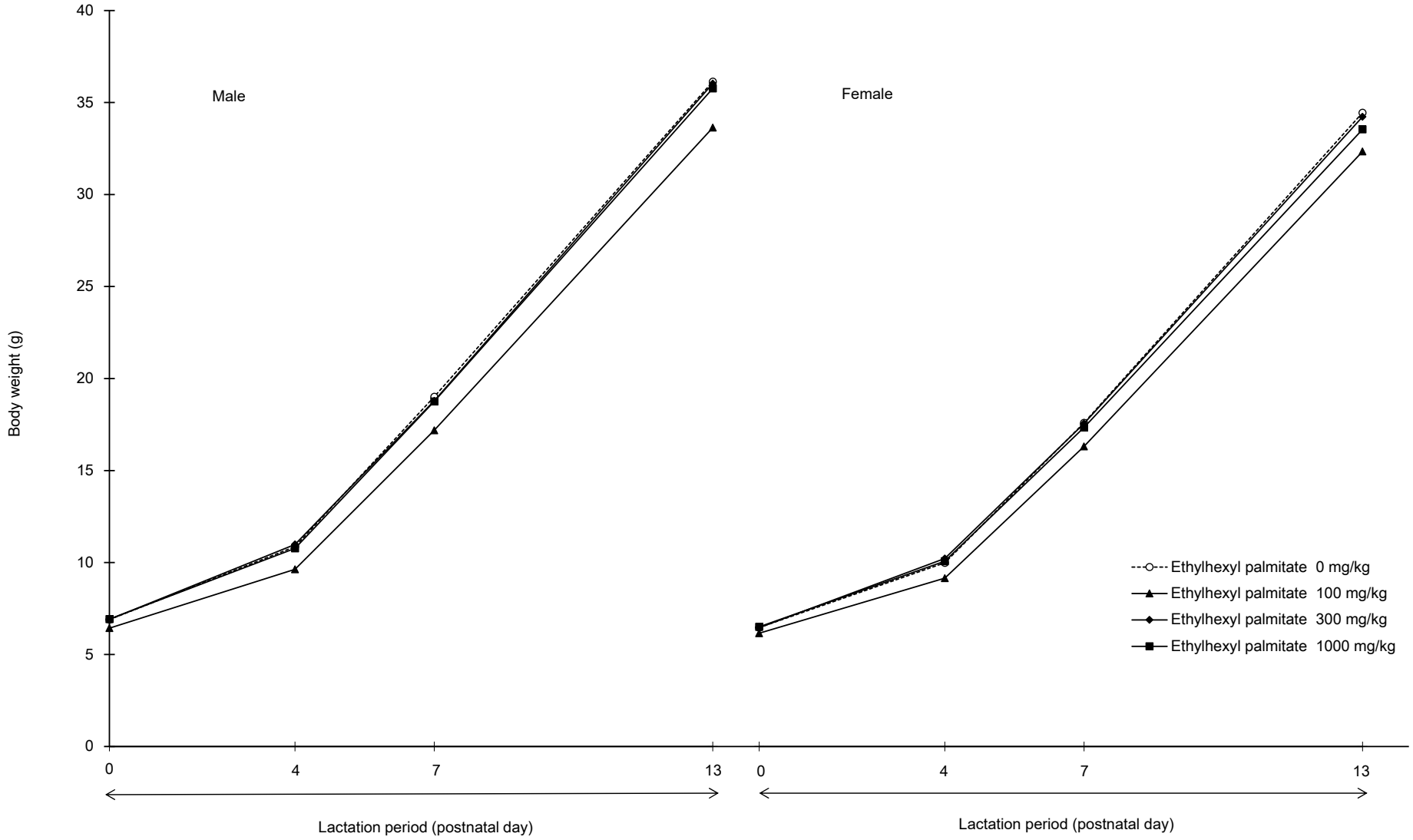
Figure 3

Study No. : SR21141

Body weight of offspring

Period : Postnatal Day 0-13

Species : Rat



Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 1 - 1

Study No. : SR21141

Clinical sign
Sex : Male

Period : Administration Day 1-14

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	9		10		11		12		13		14	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			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
Ethylhexyl palmitate	n			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
Ethylhexyl palmitate	n			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
Ethylhexyl palmitate	n			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

1 : Before dosing, 2 : After dosing

Table 1 - 2

Study No. : SR21141

Clinical sign
Sex : Male

Period : Administration Day 15-29

Species : Rat

Test article			Day	15		16		17		18		19		20		21		22	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	23		24		25		26		27		28		29
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	7
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	7
Ethylhexyl palmitate	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
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	7
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	7

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

Table 1 - 3

Study No. : SR21141

Clinical sign

Period : Administration Day 1-52

Sex : Female

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	9		10		11		12		13		14		15		16	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	10	10	9	9
100 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	10	10	9	9
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	9	9	9	9
300 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	9	9	9	9
Ethylhexyl palmitate	n			12	12	12	12	12	12	12	12	12	12	12	12	8	8	8	8
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	8	8	8	8

Test article			Day	17		18		19		20		21		22		23		24	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			3	3	1	1	1	1	1	1	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality			3	3	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	n			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 mg/kg	No abnormality			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	n			3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
300 mg/kg	No abnormality			3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ethylhexyl palmitate	n			3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1000 mg/kg	No abnormality			3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Test article			Day	25		26		27		28		29		30		31		32	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n			1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
300 mg/kg	No abnormality			1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1000 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

1 : Before dosing, 2 : After dosing

Table 1 - 4

Study No. : SR21141

Clinical sign

Period : Administration Day 1-52

Sex : Female

Species : Rat

Test article		Day	33		34		35		36		37		38		39		40	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1000 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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
Ethylhexyl palmitate	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1000 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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

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

Table 1 - 5

Study No. : SR21141

Clinical sign

Period : Gestation Day 0-22

Sex : Female

Species : Rat

Test article		Day	0		1		2		3		4		5		6		7	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article		Day	8		9		10		11		12		13		14		15	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article		Day	16		17		18		19		20		21		22	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	4	4
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	4	4
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	1	1
100 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	1	1
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	4	4
300 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	4	4
Ethylhexyl palmitate	n		10	10	10	10	10	10	10	10	10	10	10	10	7	7
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	7	7

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14

Species : Rat

Test article		Day	0		1		2		3		4		5		6		7	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Ethylhexyl palmitate	n		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article		Day	8		9		10		11		12		13		14
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
Ethylhexyl palmitate	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
Ethylhexyl palmitate	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
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n		10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10

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

Table 1 - 7

Study No. : SR21141

Clinical sign

Period : Administration Day 1-29

Sex : Female (satellite)

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article			Day	9		10		11		12		13		14		15		16	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Test article			Day	17		18		19		20		21		22		23		24	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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

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

Table 1 - 8

Study No. : SR21141

Clinical sign

Period : Recovery Day 1-15

Sex : Male

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Test article			Day	9		10		11		12		13		14		15
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
Ethylhexyl palmitate	n			5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5
Ethylhexyl palmitate	n			5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5

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

Table 1 - 9

Study No. : SR21141

Clinical sign

Period : Recovery Day 1-15

Sex : Female (satellite)

Species : Rat

Test article		Day	1		2		3		4		5		6		7		8	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Ethylhexyl palmitate	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
Ethylhexyl palmitate	n		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Test article		Day	9		10		11		12		13		14		15
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
Ethylhexyl palmitate	n		5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5
Ethylhexyl palmitate	n		5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5

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

Table 2 - 1

Study No. : SR21141

Detailed clinical observation (in the cage)

Sex : Male

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Pre	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12

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

Table 2 - 2

Study No. : SR21141

Detailed clinical observation (in the cage)

Sex : Female

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12

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

Table 2 - 3

Study No. : SR21141

Detailed clinical observation (in the cage)

Sex : Female

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Day 35	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	11	11	11	11	11	11
Day 49	0 mg/kg	n	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	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.
Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 2 - 4

Study No. : SR21141

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

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10

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

Table 2 - 5

Study No. : SR21141

Detailed clinical observation (in the cage)

Sex : Male

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5

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

Table 2 - 6

Study No. : SR21141

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

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5

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

Table 3 - 1

Study No. : SR21141

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

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

Table 3 - 2

Study No. : SR21141

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

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

Table 3 - 3

Study No. : SR21141

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Day 35	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 42	0 mg/kg	n	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	11	11	11	11	11	11	11	11	11	11	11	11
Day 49	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	11	11	11	11	11	11	11	11	11	11	11	11

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

Table 3 - 4

Study No. : SR21141

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10

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

Table 3 - 5

Study No. : SR21141

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5

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

Table 3 - 6

Study No. : SR21141

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5

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

Table 4 - 1

Study No. : SR21141

Detailed clinical observation (in the open field)

Sex : Male

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming		Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	1	0	1	0	1	1	1
Pre	0 mg/kg	n	12	12	12	12	11	1	8	4	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	9	3	9	3	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	8	4	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	10	2	12	0	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	10	2	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	10	2	11	1	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	11	1	11	1	12	0	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	8	4	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	10	2	10	2	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	11	1	12	0	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	0	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	12	0	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	12	0	12	0	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	0	11	1	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	11	1	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 Ethylhexyl palmitate 0 mg/kg

Table 4 - 2

Study No. : SR21141

Detailed clinical observation (in the open field)

Sex : Female

Species : Rat

Stage	Group		Gait 1	Co-ordination of movement 1	Reactivity to stimuli 1	Searching 1	Urination 0	Urination 1	Defecation 0	Defecation 1	Stereotype: Excessive grooming 0	Stereotype: Unusual head movement 0	Bizarre behavior: Walking backward 1	Bizarre behavior: Vocalization 1	Aggression 1
Pre	0 mg/kg	n	12	12	12	12	12	0	8	4	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	10	2	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	10	2	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	12	0	10	2	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	10	2	11	1	12	12	12	12	12
	100 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12

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

Table 4 - 3

Study No. : SR21141

Detailed clinical observation (in the open field)

Sex : Female

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming		Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	1	0	1	0	1	1	1
Day 35	0 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	300 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	11	1	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	11	1	11	1	11	1	12	12	12	12
	300 mg/kg	n	12	12	12	12	10	2	12	0	11	1	12	12	12	12
	1000 mg/kg	n	11	11	11	11	11	0	11	0	11	0	11	11	11	11
Day 49	0 mg/kg	n	12	12	12	12	10	2	11	1	12	0	12	12	12	12
	100 mg/kg	n	12	12	12	12	10	2	11	1	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	11	11	11	11	9	2	11	0	11	0	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.
Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 4 - 4

Study No. : SR21141

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

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype		Bizarre behavior		Aggression
											Excessive grooming	Unusual head movement	Walking backward	Vocaliza-tion	
			1	1	1	1	0	1	0	1	0	0	1	1	1
Pre	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	8	2	9	1	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	8	2	10	0	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10

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

Table 4 - 5

Study No. : SR21141

Detailed clinical observation (in the open field)

Sex : Male

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocaliza-tion	Aggression
			1	1	1	1	0	1	0	1	0	0	1	1	1
Recovery day 7	0 mg/kg	n	5	5	5	5	5	0	5	0	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	4	1	4	1	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	4	1	5	0	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	0	4	1	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 Ethylhexyl palmitate 0 mg/kg

Table 4 - 6

Study No. : SR21141

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

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocaliza-tion	Aggression
			1	1	1	1	0	0	0	0	1	1	1
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5

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

Table 5 - 1

Study No. : SR21141

Functional observations (on the desk)

Stage : Week 4

Sex : Male

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
100 mg/kg	n	5	5	5	5	5	5
300 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

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

Table 5 - 2

Study No. : SR21141

Functional observations (on the desk)

Stage : Lactation day 13

Sex : Female

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
100 mg/kg	n	5	5	5	5	5	5
300 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

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

Table 5 - 3

Study No. : SR21141

Functional observations (on the desk)

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

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

Table 6 - 1

Study No. : SR21141

Grip strength

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Ethylhexyl palmitate	n	5	5
0 mg/kg	Mean	1630.02	483.92
	S.D.	143.82	52.08
Ethylhexyl palmitate	n	5	5
100 mg/kg	Mean	1437.46	453.82
	S.D.	193.09	23.81
Ethylhexyl palmitate	n	5	5
300 mg/kg	Mean	1454.66	446.54
	S.D.	268.38	50.18
Ethylhexyl palmitate	n	5	5
1000 mg/kg	Mean	1585.38	458.60
	S.D.	209.52	54.47

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 6 - 2

Study No. : SR21141

Grip strength

Stage : Lactation day 13

Sex : Female

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Ethylhexyl palmitate	n	5	5
0 mg/kg	Mean	1437.74	445.14
	S.D.	196.83	35.68
Ethylhexyl palmitate	n	5	5
100 mg/kg	Mean	1346.60	413.74
	S.D.	108.77	44.37
Ethylhexyl palmitate	n	5	5
300 mg/kg	Mean	1381.34	450.02
	S.D.	121.29	28.22
Ethylhexyl palmitate	n	5	5
1000 mg/kg	Mean	1350.82	439.06
	S.D.	101.96	78.44

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 6 - 3

Study No. : SR21141

Grip strength

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
Ethylhexyl palmitate 0 mg/kg	n	5	5
	Mean	962.60	334.42
	S.D.	213.13	62.42
Ethylhexyl palmitate 1000 mg/kg	n	5	5
	Mean	1029.80	299.18
	S.D.	136.55	30.82

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 7 - 1

Study No. : SR21141

Motor activity measurements

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
0 mg/kg	Mean	556.2	335.8	286.8	143.8	132.8	136.4	1591.8
	S.D.	107.2	97.3	113.4	69.7	156.7	131.4	443.4
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
100 mg/kg	Mean	428.2	230.2	144.8	94.8	83.0	105.2	1086.2
	S.D.	180.0	102.8	58.1	89.6	34.6	85.6	499.6
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
300 mg/kg	Mean	353.4	187.4	158.2	125.6	69.0	70.2	963.8
	S.D.	100.1	88.1	89.0	22.9	54.1	57.7	270.7
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	552.0	310.0	277.6	258.4	232.6	137.4	1768.0
	S.D.	254.9	126.7	160.8	222.7	218.4	67.1	976.1

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 7 - 2

Study No. : SR21141

Motor activity measurements

Stage : Lactation day 13

Sex : Female

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
0 mg/kg	Mean	455.6	137.0	90.8	40.0	58.8	26.2	808.4
	S.D.	178.0	80.3	93.9	77.0	46.6	41.9	296.3
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
100 mg/kg	Mean	452.6	150.6	52.4	54.0	32.8	73.4	815.8
	S.D.	202.3	121.7	51.2	63.7	32.3	111.9	377.5
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
300 mg/kg	Mean	277.0	197.0	144.8	86.6	53.6	98.8	857.8
	S.D.	202.6	175.9	137.9	131.2	103.9	139.7	807.4
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	473.2	270.2	165.8	160.6	199.4	163.0	1432.2
	S.D.	285.9	183.0	150.4	213.2	114.1	158.2	967.2
						DT *		

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

DT : Dunnett test (two-side)

Table 7 - 3

Study No. : SR21141

Motor activity measurements

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
0 mg/kg	Mean	667.6	543.4	347.2	292.8	218.4	73.6	2143.0
	S.D.	315.6	326.1	166.4	253.6	209.2	59.5	1165.6
Ethylhexyl palmitate	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	577.6	317.4	176.2	92.0	80.8	42.8	1286.8
	S.D.	159.3	87.6	86.9	55.1	117.4	55.9	309.9

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 1

Study No. : SR21141

Body weight

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day						Body weight
Dose		1	4	7	14	21	28	gain
Ethylhexyl palmitate	n	12	12	12	12	12	12	12
0 mg/kg	Mean	455.1	465.8	483.3	506.8	521.8	540.7	85.6
	S.D.	23.1	28.9	31.2	34.6	40.3	42.5	23.5
Ethylhexyl palmitate	n	12	12	12	12	12	12	12
100 mg/kg	Mean	454.7	466.7	480.4	506.6	523.2	543.8	89.1
	S.D.	22.4	25.2	27.0	32.3	31.7	36.0	15.4
Ethylhexyl palmitate	n	12	12	12	12	12	12	12
300 mg/kg	Mean	454.0	462.7	476.3	502.8	522.9	542.3	88.3
	S.D.	20.9	22.0	22.2	25.1	25.5	27.4	12.7
Ethylhexyl palmitate	n	12	12	12	12	12	12	12
1000 mg/kg	Mean	455.1	465.6	481.6	505.3	522.4	542.4	87.3
	S.D.	21.8	23.5	23.7	26.6	23.8	26.8	14.8

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 2

Study No. : SR21141

Body weight

Period : Administration Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article Dose		/Day 1	4	7	14	Body weight gain
Ethylhexyl palmitate	n	12	12	12	12	12
0 mg/kg	Mean	259.2	268.2	276.4	283.0	23.8
	S.D.	16.7	15.8	16.6	18.0	7.3
Ethylhexyl palmitate	n	12	12	12	12	12
100 mg/kg	Mean	259.0	264.4	270.6	276.9	17.9
	S.D.	15.8	15.8	14.9	16.7	8.7
Ethylhexyl palmitate	n	12	12	12	12	12
300 mg/kg	Mean	259.8	267.8	274.2	280.5	20.7
	S.D.	14.8	17.3	20.0	17.0	9.9
Ethylhexyl palmitate	n	12	12	12	12	12
1000 mg/kg	Mean	258.1	265.9	271.3	275.8	17.8
	S.D.	15.3	16.4	17.4	18.1	8.1

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 3

Study No. : SR21141

Body weight

Period : Gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article Dose		/Day 0	7	14	20	Body weight gain
Ethylhexyl palmitate	n	12	12	12	12	12
0 mg/kg	Mean	288.8	323.5	366.7	453.3	164.4
	S.D.	19.1	22.3	23.8	25.2	16.9
Ethylhexyl palmitate	n	12	12	12	12	12
100 mg/kg	Mean	284.5	319.0	359.2	446.3	161.8
	S.D.	14.9	19.7	20.6	27.0	18.0
Ethylhexyl palmitate	n	12	12	12	12	12
300 mg/kg	Mean	288.9	322.6	359.2	437.6	148.7
	S.D.	20.0	21.8	22.2	25.6	16.0
Ethylhexyl palmitate	n	10	10	10	10	10
1000 mg/kg	Mean	279.6	319.5	363.6	446.3	166.7
	S.D.	19.8	19.8	20.4	24.6	12.5

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 4

Study No. : SR21141

Body weight

Period : Lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day				Body weight
Dose		0	4	7	13	gain
Ethylhexyl palmitate	n	12	12	12	12	12
0 mg/kg	Mean	349.5	358.2	365.4	375.1	25.6
	S.D.	34.8	28.7	27.5	24.3	19.4
Ethylhexyl palmitate	n	12	12	12	12	12
100 mg/kg	Mean	340.7	356.0	359.3	369.2	28.5
	S.D.	18.0	16.2	15.3	18.9	14.9
Ethylhexyl palmitate	n	12	12	12	12	12
300 mg/kg	Mean	340.0	350.9	361.2	372.7	32.7
	S.D.	23.5	23.0	23.5	23.7	12.5
Ethylhexyl palmitate	n	10	10	10	10	10
1000 mg/kg	Mean	350.1	366.3	370.0	381.4	31.3
	S.D.	23.5	23.6	18.4	20.0	13.1

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 5

Study No. : SR21141

Body weight

Period : Administration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day						Body weight
Dose		1	4	7	14	21	28	gain
Ethylhexyl palmitate	n	10	10	10	10	10	10	10
0 mg/kg	Mean	261.8	267.8	272.3	284.8	289.4	296.4	34.6
	S.D.	11.8	13.0	19.2	17.5	16.6	16.9	8.6
Ethylhexyl palmitate	n	10	10	10	10	10	10	10
1000 mg/kg	Mean	260.0	267.5	272.7	283.1	289.5	300.3	40.3
	S.D.	16.5	14.2	14.1	20.5	24.3	26.7	13.5

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 6

Study No. : SR21141

Body weight

Period : Recovery Day 1-14

Sex : Male

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	536.0	551.6	564.4	28.4
	S.D.	27.5	29.3	32.0	10.0
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	540.2	557.2	571.6	31.4
	S.D.	29.6	29.7	28.2	8.4

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 8 - 7

Study No. : SR21141

Body weight

Period : Recovery Day 1-14

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	299.0	306.8	317.8	18.8
	S.D.	18.6	22.4	19.6	4.3
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	297.4	308.2	320.2	22.8
	S.D.	33.5	32.2	35.2	13.9

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 1

Study No. : SR21141

Food consumption

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day			
Dose		4	7	14	28
Ethylhexyl palmitate	n	12	12	12	12
0 mg/kg	Mean	23.88	23.53	23.79	22.01
	S.D.	2.38	2.18	2.90	3.20
Ethylhexyl palmitate	n	12	12	12	12
100 mg/kg	Mean	22.83	23.15	23.63	22.77
	S.D.	1.91	1.53	1.74	2.32
Ethylhexyl palmitate	n	12	12	12	11
300 mg/kg	Mean	22.58	22.65	23.20	22.84
	S.D.	2.07	2.26	1.93	2.39
Ethylhexyl palmitate	n	12	12	12	11
1000 mg/kg	Mean	23.38	23.64	23.77	22.64
	S.D.	1.57	1.19	1.44	1.29

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 2

Study No. : SR21141

Food consumption

Period : Administration Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	14
Ethylhexyl palmitate	n	12	12	12
0 mg/kg	Mean	17.37	15.49	16.21
	S.D.	1.63	1.18	1.40
Ethylhexyl palmitate	n	12	12	12
100 mg/kg	Mean	16.29	15.64	16.05
	S.D.	1.89	1.38	1.38
Ethylhexyl palmitate	n	12	12	12
300 mg/kg	Mean	17.80	16.43	16.55
	S.D.	2.21	2.08	1.52
Ethylhexyl palmitate	n	12	12	12
1000 mg/kg	Mean	17.07	16.08	16.07
	S.D.	2.58	1.85	2.45

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 3

Study No. : SR21141

Food consumption

Period : Gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		7	14	20
Ethylhexyl palmitate	n	12	12	12
0 mg/kg	Mean	20.72	23.23	23.58
	S.D.	1.87	3.03	2.96
Ethylhexyl palmitate	n	12	12	12
100 mg/kg	Mean	20.56	22.65	22.65
	S.D.	2.13	2.22	2.23
Ethylhexyl palmitate	n	12	12	12
300 mg/kg	Mean	21.13	23.08	22.26
	S.D.	1.93	2.05	1.71
Ethylhexyl palmitate	n	10	10	10
1000 mg/kg	Mean	21.81	24.54	23.16
	S.D.	1.17	1.74	1.76

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 4

Study No. : SR21141

Food consumption

Period : Lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	13
Ethylhexyl palmitate	n	12	12	12
0 mg/kg	Mean	28.88	41.09	53.32
	S.D.	3.89	4.09	4.85
Ethylhexyl palmitate	n	12	12	12
100 mg/kg	Mean	29.23	37.82	50.13
	S.D.	2.74	3.88	4.07
Ethylhexyl palmitate	n	12	12	12
300 mg/kg	Mean	28.67	41.14	53.83
	S.D.	3.60	3.53	4.41
Ethylhexyl palmitate	n	10	10	10
1000 mg/kg	Mean	31.33	40.19	52.27
	S.D.	5.31	7.20	10.49

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 5

Study No. : SR21141

Food consumption

Period : Administration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day				
Dose		4	7	14	21	28
Ethylhexyl palmitate	n	10	10	10	10	10
0 mg/kg	Mean	16.74	16.10	16.44	15.62	15.58
	S.D.	2.37	2.23	1.50	1.26	1.14
Ethylhexyl palmitate	n	10	10	10	10	10
1000 mg/kg	Mean	17.14	16.19	17.06	16.42	16.48
	S.D.	1.53	2.29	3.23	2.35	2.90

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 6

Study No. : SR21141

Food consumption

Period : Recovery Day 1-14

Sex : Male

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
Ethylhexyl palmitate	n	5	5
0 mg/kg	Mean	25.76	26.18
	S.D.	1.51	1.51
Ethylhexyl palmitate	n	5	5
1000 mg/kg	Mean	27.60	27.36
	S.D.	1.44	1.00

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 9 - 7

Study No. : SR21141

Food consumption

Period : Recovery Day 1-14

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
Ethylhexyl palmitate	n	5	5
0 mg/kg	Mean	20.06	19.52
	S.D.	2.00	2.25
Ethylhexyl palmitate	n	5	5
1000 mg/kg	Mean	19.74	20.66
	S.D.	3.39	3.68

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 1

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		pH 5.0	6.0	6.5	7.0	7.5	8.0	8.5
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	0	1	0	4
Ethylhexyl palmitate 100 mg/kg	n	0	0	0	0	0	1	4
Ethylhexyl palmitate 300 mg/kg	n	0	0	1	0	0	1	3
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	0	0	0	5

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 2

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

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

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

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

Table 10 - 3

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 4

Study No. : SR21141

Urinary findings

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
Ethylhexyl palmitate 0 mg/kg	n	5
	Mean	8.70
	S.D.	2.84
Ethylhexyl palmitate 100 mg/kg	n	5
	Mean	17.30
	S.D.	10.05
Ethylhexyl palmitate 300 mg/kg	n	5
	Mean	8.80
	S.D.	1.57
Ethylhexyl palmitate 1000 mg/kg	n	5
	Mean	11.00
	S.D.	3.94

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 5

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	0	1	4
Ethylhexyl palmitate 100 mg/kg	n	0	0	2	1	0	2
Ethylhexyl palmitate 300 mg/kg	n	0	0	0	0	1	4
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	0	1	4

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

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

Table 10 - 6

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Squamous					Round				
		-	±	+	2+	3+	-	±	+	2+	3+
Ethylhexyl palmitate 0 mg/kg	n	3	2	0	0	0	5	0	0	0	0
Ethylhexyl palmitate 100 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Ethylhexyl palmitate 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Ethylhexyl palmitate 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 7

Study No. : SR21141

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
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	1	0	2	2
Ethylhexyl palmitate 1000 mg/kg	n	0	1	2	0	0	2	0

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

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 8

Study No. : SR21141

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

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

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

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

Table 10 - 9

Study No. : SR21141

Urinary findings

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
Ethylhexyl palmitate 0 mg/kg	n	5
	Mean	9.50
	S.D.	4.26
Ethylhexyl palmitate 1000 mg/kg	n	5
	Mean	9.70
	S.D.	6.13

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 10

Study No. : SR21141

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	3	1	1
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	1	2	2

Test article Dose		RBC					WBC				
		-	±	+	2+	3+	-	±	+	2+	3+
Ethylhexyl palmitate 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
Ethylhexyl palmitate 1000 mg/kg	n	5	0	0	0	0	4	1	0	0	0

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

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

Table 10 - 11

Study No. : SR21141

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 12

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	0	0	0	5
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	0	0	0	5

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

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 13

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

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

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

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

Table 10 - 14

Study No. : SR21141

Urinary findings

Stage : Recovery week 2

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
Ethylhexyl palmitate 0 mg/kg	n	5
	Mean	11.90
	S.D.	6.44
Ethylhexyl palmitate 1000 mg/kg	n	5
	Mean	12.10
	S.D.	3.23

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 15

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	1	0	4
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	0	2	3

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

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

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

Table 10 - 16

Study No. : SR21141

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 17

Study No. : SR21141

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
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	0	0	0	5
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	0	0	1	4

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

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 18

Study No. : SR21141

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

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

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

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

Table 10 - 19

Study No. : SR21141

Urinary findings

Stage : Recovery week 2

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
Ethylhexyl palmitate 0 mg/kg	n	5
	Mean	13.50
	S.D.	5.44
Ethylhexyl palmitate 1000 mg/kg	n	5
	Mean	12.30
	S.D.	6.53

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 10 - 20

Study No. : SR21141

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
Ethylhexyl palmitate 0 mg/kg	n	0	0	0	2	3	0
Ethylhexyl palmitate 1000 mg/kg	n	0	0	0	2	2	1

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

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

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

Table 10 - 21

Study No. : SR21141

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 11 - 1

Study No. : SR21141

Hematological findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	883.6	15.94	44.40	50.28	18.04	35.90	3.374	104.58	84.38	20.96
	S.D.	37.8	0.55	1.27	1.74	0.33	0.72	0.470	23.39	22.39	11.28
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	870.6	15.98	44.20	50.74	18.36	36.18	3.358	101.04	84.82	17.42
	S.D.	51.7	0.75	2.76	0.49	0.23	0.54	0.427	7.77	17.26	1.49
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	864.6	15.88	43.80	50.66	18.38	36.26	3.634	109.96	88.84	21.34
	S.D.	38.1	0.58	1.77	1.56	0.59	0.25	0.275	10.71	14.95	4.34
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	867.4	15.70	43.72	50.42	18.12	35.92	3.772	90.08	86.90	18.62
	S.D.	22.1	0.56	1.11	1.21	0.40	0.58	0.468	17.49	24.03	7.24

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Ethylhexyl palmitate	n	5	5	5	5	5	5
0 mg/kg	Mean	58.50	3.86	1.04	0.02	17.52	18.44
	S.D.	11.42	2.77	0.31	0.04	1.59	1.08
Ethylhexyl palmitate	n	5	5	5	5	5	5
100 mg/kg	Mean	62.74	3.32	1.32	0.02	18.10	18.90
	S.D.	15.67	1.68	0.29	0.04	2.70	2.25
Ethylhexyl palmitate	n	5	5	5	5	5	5
300 mg/kg	Mean	62.50	3.84	1.08	0.08	17.68	17.98
	S.D.	18.06	1.10	0.38	0.04	1.24	1.19
Ethylhexyl palmitate	n	5	5	5	5	5	5
1000 mg/kg	Mean	62.92	4.12	1.18	0.06	18.02	18.38
	S.D.	19.27	2.02	0.41	0.05	1.81	1.96

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 11 - 2

Study No. : SR21141

Hematological findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	781.2	15.40	42.40	54.34	19.72	36.30	4.750	116.18	100.76	47.36
	S.D.	30.0	0.46	1.02	1.18	0.34	0.34	0.486	13.66	16.27	14.12
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	802.2	15.66	43.32	54.06	19.54	36.18	4.304	105.72	82.36	35.60
	S.D.	24.4	0.62	1.99	3.07	0.89	0.81	0.512	6.61	9.00	5.12
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	774.8	15.54	43.60	56.38	20.10	35.64	5.782	116.58	108.48	42.82
	S.D.	41.5	0.56	1.64	2.90	0.85	0.36	1.695	12.00	19.53	8.59
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	794.0	15.44	42.70	53.84	19.48	36.18	4.632	105.50	93.00	40.18
	S.D.	36.9	0.50	1.60	2.11	0.78	0.50	0.964	16.21	11.75	14.05

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Ethylhexyl palmitate	n	5	5	5	5	5	5
0 mg/kg	Mean	48.62	4.12	0.64	0.02	17.34	13.24
	S.D.	12.84	1.31	0.29	0.04	0.67	0.92
Ethylhexyl palmitate	n	5	5	5	5	5	5
100 mg/kg	Mean	42.04	3.64	1.06	0.02	16.84	13.14
	S.D.	8.43	1.36	0.05	0.04	0.67	0.39
				ST ＊			
Ethylhexyl palmitate	n	5	5	5	5	5	5
300 mg/kg	Mean	61.18	3.60	0.86	0.02	17.24	13.76
	S.D.	17.98	2.06	0.49	0.04	0.34	1.20
Ethylhexyl palmitate	n	5	5	5	5	5	5
1000 mg/kg	Mean	48.38	3.72	0.68	0.04	17.38	13.70
	S.D.	10.53	2.38	0.30	0.05	0.58	1.04

Significantly different from Ethylhexyl palmitate 0 mg/kg: ＊ $P<0.05$

ST : Steel test (two-side)

Table 11 - 3

Study No. : SR21141

Hematological findings

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	817.6	15.24	42.02	51.40	18.66	36.26	2.770	95.06	55.94	8.24
	S.D.	27.3	0.40	1.01	1.31	0.23	0.45	0.212	14.15	15.31	2.74
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	812.4	15.04	41.78	51.44	18.54	36.00	3.510	87.20	60.64	13.74
	S.D.	25.6	0.36	1.23	1.91	0.65	0.25	0.253	14.87	14.71	6.68
								T2 **			

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Ethylhexyl palmitate	n	5	5	5	5	5	5
0 mg/kg	Mean	44.98	1.88	0.84	0.00	16.52	14.12
	S.D.	15.29	0.90	0.21	0.00	0.72	1.13
Ethylhexyl palmitate	n	5	5	5	5	5	5
1000 mg/kg	Mean	43.82	2.34	0.74	0.00	16.00	14.98
	S.D.	9.52	0.39	0.34	0.00	0.76	1.95

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

Table 11 - 4

Study No. : SR21141

Hematological findings

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	920.2	16.22	44.38	48.34	17.68	36.56	2.592	105.04	78.90	18.16
	S.D.	39.8	0.35	1.20	3.16	1.02	0.48	0.291	19.88	24.71	6.44
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	897.8	15.46	42.60	47.44	17.22	36.30	2.938	103.50	76.58	15.80
	S.D.	31.0	0.81	1.89	1.32	0.58	0.27	0.459	10.96	19.49	6.10

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Ethylhexyl palmitate	n	5	5	5	5	5	5
0 mg/kg	Mean	55.62	4.00	1.12	0.00	20.26	19.10
	S.D.	17.70	1.75	0.49	0.00	1.78	1.08
Ethylhexyl palmitate	n	5	5	5	5	5	5
1000 mg/kg	Mean	54.76	4.80	1.20	0.02	18.28	17.66
	S.D.	14.93	1.02	0.51	0.04	1.32	1.50

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 11 - 5

Study No. : SR21141

Hematological findings

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	831.8	15.76	43.52	52.40	18.96	36.24	3.290	107.40	48.94	11.92
	S.D.	48.8	0.75	2.08	2.49	0.64	0.48	0.485	20.81	19.27	7.59
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	836.0	15.56	43.12	51.60	18.62	36.12	3.110	105.02	62.58	11.86
	S.D.	33.4	0.62	1.93	1.88	0.63	0.54	0.828	5.58	15.55	5.75

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
Ethylhexyl palmitate	n	5	5	5	5	5	5
0 mg/kg	Mean	33.42	2.12	1.48	0.00	17.20	12.60
	S.D.	11.66	0.62	1.11	0.00	0.89	1.12
Ethylhexyl palmitate	n	5	5	5	5	5	5
1000 mg/kg	Mean	46.18	3.24	1.28	0.02	16.82	13.12
	S.D.	11.81	1.93	0.49	0.04	0.82	0.51

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 12 - 1

Study No. : SR21141

Biochemical findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	104.2	50.8	432.2	0.74	0.070	25.56	158.4	57.0	33.0	5.60
	S.D.	101.2	50.5	69.4	0.27	0.028	39.31	13.7	20.0	27.0	0.51
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	86.2	36.6	481.4	0.66	0.064	15.80	162.6	57.0	31.6	5.54
	S.D.	44.0	14.2	175.4	0.19	0.015	14.42	14.8	6.9	12.1	0.30
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	70.4	28.8	358.2	0.68	0.060	13.00	157.2	72.4	46.4	5.62
	S.D.	11.6	4.8	45.8	0.04	0.007	3.66	11.2	10.4	13.0	0.04
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	68.2	32.6	406.6	0.68	0.054	13.90	151.0	61.0	33.0	5.48
	S.D.	7.6	4.3	72.9	0.08	0.009	7.01	23.6	12.8	15.3	0.31

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	12.66	0.326	145.2	4.660	105.4	9.40	5.96	0.880	2.608	46.72
	S.D.	1.39	0.039	0.8	0.185	1.3	0.62	0.51	0.075	0.162	2.31
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	12.70	0.318	145.0	4.766	105.4	9.30	6.32	0.882	2.594	46.86
	S.D.	1.56	0.045	0.7	0.183	0.9	0.42	0.39	0.063	0.093	1.86
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	11.36	0.280	143.6	4.800	105.0	9.52	6.32	0.836	2.554	45.42
	S.D.	1.46	0.051	1.5	0.161	1.4	0.20	0.55	0.069	0.107	2.02
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	10.68	0.296	145.0	4.736	104.8	9.26	6.38	0.892	2.584	47.16
	S.D.	0.75	0.028	1.4	0.239	1.8	0.30	0.43	0.037	0.125	1.06

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 12 - 2

Study No. : SR21141

Biochemical findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	22.44	9.92	16.54	4.38
	S.D.	2.11	0.83	1.19	0.91
Ethylhexyl palmitate	n	5	5	5	5
100 mg/kg	Mean	23.24	9.84	16.14	3.92
	S.D.	1.56	0.25	0.75	0.51
Ethylhexyl palmitate	n	5	5	5	5
300 mg/kg	Mean	23.96	9.78	16.28	4.56
	S.D.	2.03	0.63	0.98	0.64
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	22.00	9.96	16.04	4.84
	S.D.	1.29	0.31	1.23	0.74

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 12 - 3

Study No. : SR21141

Biochemical findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	118.8	76.8	415.4	1.68	0.042	24.34	139.6	106.8	63.4	6.06
	S.D.	15.7	7.9	72.1	1.59	0.008	12.35	12.1	13.8	22.6	0.13
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	114.2	69.2	388.8	0.92	0.056	18.88	141.6	109.8	76.2	6.12
	S.D.	19.8	7.7	151.9	0.08	0.005	5.39	8.4	8.8	47.6	0.40
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	118.2	80.6	474.2	1.00	0.058	44.62	130.2	97.2	85.6	5.88
	S.D.	43.5	23.3	226.7	0.10	0.008	36.49	9.4	13.1	55.6	0.34
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	145.8	79.6	458.0	0.92	0.066	39.04	145.2	105.4	102.8	6.08
	S.D.	48.1	31.5	169.4	0.08	0.027	30.88	12.5	22.5	76.3	0.38

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	23.18	0.386	138.2	4.148	97.4	9.94	8.54	0.932	2.920	48.16
	S.D.	1.22	0.047	2.2	0.341	1.1	0.18	1.02	0.065	0.141	1.79
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	21.42	0.386	138.6	4.354	99.0	9.62	8.12	0.944	2.974	48.58
	S.D.	3.07	0.041	1.1	0.324	1.0	0.41	0.80	0.069	0.224	1.81
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	26.12	0.392	138.0	4.250	98.0	9.86	9.34	0.934	2.830	48.16
	S.D.	3.79	0.041	1.2	0.369	1.9	0.46	0.71	0.072	0.192	1.95
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	23.80	0.400	137.4	4.558	97.8	9.80	8.20	0.940	2.944	48.34
	S.D.	7.88	0.048	2.5	0.086	4.9	0.66	2.16	0.071	0.253	1.79

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 12 - 4

Study No. : SR21141

Biochemical findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	19.54	10.76	17.44	4.10
	S.D.	1.93	0.61	1.15	1.24
Ethylhexyl palmitate	n	5	5	5	5
100 mg/kg	Mean	19.74	10.08	17.10	4.50
	S.D.	1.57	0.64	0.85	1.61
Ethylhexyl palmitate	n	5	5	5	5
300 mg/kg	Mean	20.34	10.56	16.84	4.10
	S.D.	1.81	1.25	1.31	0.78
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	20.68	10.68	16.14	4.16
	S.D.	1.51	1.76	0.81	1.60

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 12 - 5

Study No. : SR21141

Biochemical findings

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	66.0	28.2	175.0	1.08	0.072	12.24	142.0	60.8	12.2	6.28
	S.D.	10.0	6.5	64.8	0.30	0.011	5.02	14.7	19.9	4.6	0.24
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	53.8	24.8	177.6	0.88	0.060	8.04	155.8	67.6	21.4	6.10
	S.D.	4.9	4.0	61.3	0.18	0.014	3.25	9.0	15.8	14.4	0.25
		T2 *									

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	15.44	0.354	143.2	4.312	105.4	9.72	5.94	1.018	3.158	50.34
	S.D.	2.35	0.032	1.3	0.239	0.9	0.28	0.43	0.084	0.080	2.03
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	12.80	0.322	143.0	4.262	105.4	9.34	5.84	1.054	3.130	51.30
	S.D.	1.35	0.038	0.7	0.111	1.1	0.26	0.28	0.068	0.186	1.57

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	18.86	8.54	15.18	7.08
	S.D.	0.75	0.48	0.31	1.66
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	19.32	8.46	14.20	6.72
	S.D.	0.99	1.02	0.87	0.42
				T2 *	

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

T2 : Student t-test (two-side)

Table 12 - 6

Study No. : SR21141

Biochemical findings

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	61.8	28.2	335.8	0.50	0.066	12.84	139.2	60.6	26.2	5.68
	S.D.	2.9	2.9	92.2	0.23	0.015	7.88	7.3	7.4	9.0	0.29
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	75.2	28.2	327.8	0.46	0.072	10.66	144.0	57.6	28.0	5.86
	S.D.	14.3	4.9	38.4	0.05	0.015	3.58	14.7	6.0	12.2	0.15

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	14.96	0.320	144.0	4.462	104.2	9.48	5.96	0.808	2.536	44.68
	S.D.	2.88	0.030	0.7	0.179	1.3	0.41	0.57	0.051	0.135	1.71
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	14.02	0.308	144.4	4.478	104.0	9.38	6.10	0.768	2.542	43.38
	S.D.	1.41	0.024	1.1	0.230	1.2	0.28	0.34	0.059	0.117	1.90

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	26.00	8.52	16.30	4.50
	S.D.	1.68	0.93	0.71	1.04
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	24.40	9.08	17.82	5.32
	S.D.	1.92	0.70	0.43	1.16
				T2 **	

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

T2 : Student t-test (two-side)

Table 12 - 7

Study No. : SR21141

Biochemical findings

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	71.6	30.2	188.4	0.84	0.086	11.90	139.4	66.8	15.2	6.22
	S.D.	12.6	7.3	41.7	0.32	0.011	5.09	24.7	16.4	6.6	0.23
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	65.4	26.2	138.6	0.58	0.092	21.68	144.2	76.6	18.4	6.36
	S.D.	15.9	2.8	23.9	0.16	0.013	8.01	13.9	5.9	13.2	0.39
				T2 *							

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	15.84	0.364	143.0	4.610	105.8	9.62	5.40	1.042	3.174	51.02
	S.D.	3.36	0.027	0.7	0.291	0.4	0.27	1.09	0.060	0.198	1.43
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	14.50	0.318	142.8	4.528	105.4	9.86	5.52	1.072	3.284	51.64
	S.D.	0.98	0.015	0.8	0.233	1.5	0.46	0.54	0.102	0.278	2.41
			T2 *								

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	17.84	8.42	15.60	7.12
	S.D.	2.12	0.58	0.80	1.83
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	19.10	8.40	14.86	6.00
	S.D.	2.61	0.47	1.07	0.78

Significantly different from Ethylhexyl palmitate 0 mg/kg: * $P<0.05$

T2 : Student t-test (two-side)

Table 13

Study No. : SR21141

Serum T4 concentration

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		T4 ng/mL
Ethylhexyl palmitate 0 mg/kg	n	7
	Mean	56.51
	S.D.	6.03
Ethylhexyl palmitate 100 mg/kg	n	12
	Mean	56.50
	S.D.	7.42
Ethylhexyl palmitate 300 mg/kg	n	12
	Mean	63.38
	S.D.	6.46
Ethylhexyl palmitate 1000 mg/kg	n	7
	Mean	53.81
	S.D.	7.64

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 14 - 1

Study No. : SR21141

Necropsy findings

Sex : Male | Stage : Day 29 | Species : Rat

Organ / Findings		Test article	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate
		Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
		Number of Animals	7	12	12	7
Testis			<6/7>	<12/12>	<12/12>	<7/7>
Small size, unilateral	P		1	0	0	0
Epididymis			<6/7>	<12/12>	<12/12>	<7/7>
Small size, unilateral	P		1	0	0	0
Other organs & tissues			<7/7>	<12/12>	<12/12>	<7/7>

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 14 - 2

Study No. : SR21141

Necropsy findings

Sex : Female | Stage : Day 14 after parturition | Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate
	Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
	Number of Animals	12	12	12	10
All organs & tissues		<12/12>	<12/12>	<12/12>	<10/10>

<> : Not remarkable/Number of animals examined

Table 14 - 3

Study No. : SR21141

Necropsy findings

Sex : Female

Stage : Unsuccessful mating

Species : Rat

	Test article	Ethylhexyl palmitate
	Dose	1000
Organ		mg/kg
Findings	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 4

Study No. : SR21141

Necropsy findings

Sex : Female

Stage : Non-pregnancy

Species : Rat

	Test article	Ethylhexyl palmitate
	Dose	1000
Organ		mg/kg
Findings	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 5

Study No. : SR21141

Necropsy findings

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

	Test article	Ethylhexyl palmitate	Ethylhexyl palmitate
	Dose	0	1000
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 14 - 6

Study No. : SR21141

Necropsy findings

Sex : Male

Stage : Recovery day 15

Species : Rat

	Test article	Ethylhexyl palmitate	Ethylhexyl palmitate
	Dose	0	1000
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 14 - 7

Study No. : SR21141

Necropsy findings

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

	Test article	Ethylhexyl palmitate	Ethylhexyl palmitate
	Dose	0	1000
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 15 - 1

Study No. : SR21141

Organ weight

Stage : Day 29

Sex : Male

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Ethylhexyl palmitate	n	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	517.4	13.247	2.547	3.303	0.637	1.459	0.284	734.0	141.767
	S.D.	46.7	2.292	0.224	0.396	0.043	0.160	0.030	123.2	19.392
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	517.6	13.005	2.508	3.132	0.605	1.473	0.284	741.2	143.123
	S.D.	34.2	1.516	0.161	0.219	0.039	0.161	0.019	81.9	11.769
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	519.2	13.692	2.631	3.297	0.635	1.488	0.287	786.3	151.518
	S.D.	25.4	1.837	0.255	0.242	0.032	0.136	0.020	98.9	18.273
Ethylhexyl palmitate	n	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	513.7	13.843	2.690	3.287	0.641	1.444	0.280	746.9	145.449
	S.D.	25.3	1.113	0.103	0.152	0.060	0.078	0.008	132.4	24.743

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
Ethylhexyl palmitate	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	260.9	50.820	65.6	12.663	13.57	2.646	24.93	4.827	3.344	0.653
	S.D.	32.9	8.405	9.5	1.368	1.02	0.367	2.35	0.329	0.244	0.073
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	332.4	64.638	70.7	13.661	12.55	2.428	27.02	5.249	3.305	0.638
	S.D.	71.3	15.376	13.4	2.427	1.66	0.326	4.85	1.055	0.329	0.065
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	304.4	58.719	69.4	13.318	12.55	2.409	26.59	5.118	3.446	0.664
	S.D.	91.1	17.850	12.6	1.927	2.35	0.391	4.97	0.899	0.249	0.041
Ethylhexyl palmitate	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	303.4	59.100	66.9	13.020	11.81	2.300	24.53	4.787	3.563	0.694
	S.D.	39.1	7.269	9.1	1.679	1.14	0.187	1.88	0.494	0.157	0.023

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 15 - 2

Study No. : SR21141

Organ weight

Stage : Day 29

Sex : Male

Species : Rat

Test article		Epididymis		Prostate		Seminal vesicle		Brain	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
Ethylhexyl palmitate	n	7	7	7	7	7	7	7	7
0 mg/kg	Mean	1.357	0.263	816.7	159.239	2.627	0.513	2.219	0.430
	S.D.	0.184	0.040	138.0	31.494	0.358	0.083	0.127	0.032
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12
100 mg/kg	Mean	1.310	0.253	691.6	134.729	2.498	0.485	2.259	0.438
	S.D.	0.124	0.026	147.6	34.426	0.345	0.074	0.099	0.032
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12
300 mg/kg	Mean	1.356	0.262	730.1	140.253	2.255	0.436	2.227	0.430
	S.D.	0.108	0.019	171.8	30.771	0.349	0.077	0.101	0.017
Ethylhexyl palmitate	n	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	1.410	0.274	666.1	130.116	2.583	0.504	2.233	0.436
	S.D.	0.196	0.031	195.8	39.060	0.170	0.036	0.096	0.019

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 15 - 3

Study No. : SR21141

Organ weight

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12
0 mg/kg	Mean	340.9	11.577	3.405	2.207	0.648	1.165	0.343	618.1	181.993
	S.D.	25.1	1.036	0.327	0.167	0.045	0.083	0.027	68.0	22.270
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	336.3	11.001	3.272	2.187	0.652	1.118	0.333	616.4	183.206
	S.D.	14.5	0.737	0.186	0.169	0.043	0.099	0.023	70.6	18.588
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	334.8	11.397	3.405	2.183	0.653	1.132	0.340	589.6	176.820
	S.D.	20.3	1.060	0.255	0.162	0.051	0.075	0.023	69.9	24.989
Ethylhexyl palmitate	n	10	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	348.8	12.353	3.542	2.162	0.620	1.138	0.325	621.4	178.039
	S.D.	13.9	1.224	0.332	0.209	0.061	0.093	0.021	90.9	23.586

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12	12
0 mg/kg	Mean	229.9	67.320	81.0	23.904	16.99	4.999	18.04	5.309	114.8	33.742
	S.D.	64.6	17.110	6.3	2.819	2.18	0.684	4.06	1.239	17.5	5.040
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	201.1	59.791	77.3	22.988	14.65	4.376	19.85	5.930	109.9	32.679
	S.D.	31.7	8.750	9.3	2.729	2.08	0.726	3.62	1.209	13.8	3.607
						DT *	DT *				
Ethylhexyl palmitate	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	214.3	64.595	77.8	23.293	14.18	4.248	18.68	5.582	104.3	31.173
	S.D.	78.9	25.595	12.0	3.913	1.71	0.575	5.51	1.605	17.4	5.045
						DT **	DT *				
Ethylhexyl palmitate	n	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	229.9	65.879	72.9	20.958	15.22	4.362	19.40	5.571	111.9	32.108
	S.D.	46.1	12.786	7.0	2.568	1.50	0.370	2.81	0.840	16.5	4.782

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

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

DT : Dunnett test (two-side)

Table 15 - 4

Study No. : SR21141

Organ weight
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Ethylhexyl palmitate	n	12	12	12	12
0 mg/kg	Mean	561.7	165.748	2.014	0.592
	S.D.	97.6	32.918	0.074	0.052
Ethylhexyl palmitate	n	12	12	12	12
100 mg/kg	Mean	550.2	163.815	2.044	0.608
	S.D.	63.3	19.477	0.106	0.039
Ethylhexyl palmitate	n	12	12	12	12
300 mg/kg	Mean	582.9	174.573	2.018	0.604
	S.D.	92.0	28.777	0.073	0.031
Ethylhexyl palmitate	n	10	10	10	10
1000 mg/kg	Mean	581.6	166.835	1.981	0.570
	S.D.	66.9	18.586	0.069	0.026

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

Table 15 - 5

Study No. : SR21141

Organ weight

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	280.6	7.448	2.650	1.760	0.628	0.912	0.324	500.2	178.008
	S.D.	15.5	0.645	0.118	0.133	0.027	0.083	0.021	53.6	12.749
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	284.2	8.078	2.864	1.900	0.670	0.936	0.332	491.4	175.000
	S.D.	25.0	0.483	0.382	0.181	0.077	0.070	0.040	49.2	32.529

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	319.4	113.168	77.6	27.680	17.76	6.362	22.72	8.048	95.8	34.392
	S.D.	95.2	30.722	5.7	1.874	3.72	1.494	4.54	1.209	13.1	6.123
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	297.6	105.552	68.6	24.156	16.26	5.750	20.10	7.050	105.2	36.978
	S.D.	42.9	19.548	9.8	2.955	2.90	1.071	3.13	0.577	11.8	1.627

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	582.0	207.518	1.986	0.708
	S.D.	173.6	60.607	0.110	0.050
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	791.2	281.184	1.986	0.702
	S.D.	353.9	132.041	0.067	0.078

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 15 - 6

Study No. : SR21141

Organ weight

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	534.0	12.248	2.288	3.196	0.598	1.468	0.276	720.4	135.008
	S.D.	25.6	1.454	0.170	0.404	0.077	0.081	0.021	120.1	23.071
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	541.6	13.286	2.454	3.244	0.598	1.522	0.282	756.8	139.798
	S.D.	30.3	0.732	0.117	0.280	0.054	0.179	0.028	44.4	5.331

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	265.6	49.728	55.2	10.394	13.48	2.524	22.78	4.254	3.590	0.676
	S.D.	64.5	12.161	9.9	2.187	1.38	0.224	3.60	0.556	0.255	0.066
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	305.8	56.578	66.6	12.280	13.26	2.464	29.86	5.510	3.736	0.690
	S.D.	59.5	11.265	11.0	1.818	1.60	0.416	2.31	0.224	0.167	0.025
								T2 **	T2 **		

Test article		Epididymis		Prostate		Seminal vesicle		Brain	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1.470	0.276	778.4	144.934	2.516	0.474	2.222	0.418
	S.D.	0.097	0.015	255.3	42.679	0.284	0.055	0.048	0.016
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	1.400	0.258	957.0	177.800	2.444	0.452	2.194	0.406
	S.D.	0.116	0.022	140.6	33.907	0.276	0.058	0.088	0.027

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

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

T2 : Student t-test (two-side)

Table 15 - 7

Study No. : SR21141

Organ weight

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	293.6	7.548	2.570	1.902	0.648	0.980	0.334	517.8	176.826
	S.D.	18.8	0.792	0.197	0.204	0.052	0.081	0.029	30.6	13.751
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	295.0	7.032	2.378	1.858	0.634	0.908	0.310	526.6	178.436
	S.D.	30.6	1.251	0.269	0.158	0.049	0.100	0.025	96.2	25.601

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	329.8	112.134	77.4	26.394	17.18	5.846	19.70	6.774	104.6	35.822
	S.D.	53.1	14.140	11.4	3.870	2.68	0.736	3.67	1.632	16.7	6.834
Ethylhexyl palmitate	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	280.6	95.376	66.8	22.744	16.42	5.564	24.18	8.302	87.6	29.292
	S.D.	64.6	21.263	7.4	2.562	2.48	0.544	3.43	1.656	24.6	4.903

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
Ethylhexyl palmitate	n	5	5	5	5
0 mg/kg	Mean	898.4	299.834	1.972	0.672
	S.D.	490.7	143.157	0.065	0.038
Ethylhexyl palmitate	n	5	5	5	5
1000 mg/kg	Mean	636.8	216.540	1.978	0.678
	S.D.	101.3	34.050	0.085	0.091

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

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 16 - 1

Study No. : SR21141

Histopathological findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	7					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<7>					<7>		
Hemorrhage, focal		7	0	0	0	0	6	1	0	0	0
Accumulation, macrophage, alveolar		6	1	0	0	0	6	1	0	0	0
Bronchus				<7>					<7>		
		7					7				
Trachea				<7>					<7>		
		7					7				
Submandibular gland				<7>					<7>		
Infiltration, inflammatory cell		6	1	0	0	0	7	0	0	0	0
Esophagus				<7>					<7>		
		7					7				
Stomach				<7>					<7>		
		7					7				
Duodenum				<7>					<7>		
		7					7				
Jejunum				<7>					<7>		
		7					7				

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

Table 16 - 2

Study No. : SR21141

Histopathological findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	7					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Ileum				<7>					<7>		
		7					7				
Cecum				<7>					<7>		
		7					7				
Colon				<7>					<7>		
		7					7				
Rectum				<7>					<7>		
		7					7				
Pancreas				<7>					<7>		
		7					7				
Liver				<7>					<7>		
Vacuolation, hepatocyte, centrilobular		6	1	0	0	0	7	0	0	0	0
Heart				<7>					<7>		
Infiltration, inflammatory cell, focal		6	0	1	0	0	6	1	0	0	0

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	7					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Kidney				<7>					<7>		
Basophilic change, renal tubule, focal		3	4	0	0	0	7	0	0	0	0
Urinary bladder				<7>					<7>		
		7					7				
Testis				<7>					<7>		
Degeneration, seminiferous tubule		7	0	0	0	0	6	1	0	0	0
Sertoli-cell-only tubule		6	0	0	0	1	7	0	0	0	0
Epididymis				<7>					<7>		
Decrease, spermatozoa		6	0	0	0	1	7	0	0	0	0
Cell debris, lumen		6	1	0	0	0	6	1	0	0	0
Granuloma, spermatic		5	1	1	0	0	7	0	0	0	0
Prostate				<7>					<7>		
Inflammation, interstitium		3	3	0	1	0	4	2	1	0	0
Seminal vesicle				<7>					<7>		
		7					7				
Coagulating gland				<7>					<7>		
		7					7				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	7					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cerebrum				<7>					<7>		
		7					7				
Cerebellum				<7>					<7>		
		7					7				
Pons				<7>					<7>		
		7					7				
Spinal cord				<7>					<7>		
		7					7				
Sciatic nerve				<7>					<7>		
		7					7				
Spleen				<7>					<7>		
		7					7				
Thymus				<7>					<7>		
Remnant, epithelial cell		5	2	0	0	0	6	1	0	0	0
Bone marrow, femur				<7>					<7>		
		7					7				
Submandibular lymph node				<7>					<7>		
		7					7				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	7					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Mesenteric lymph node				<7>					<7>		
		7					7				
Peyer's patch				<7>					<7>		
		7					7				
Pituitary gland				<7>					<7>		
Cyst, pars distalis		7	0	0	0	0	6	0	1	0	0
Thyroid				<7>					<7>		
Remnant, ultimobranchial body		7	0	0	0	0	3	4	0	0	0
Parathyroid				<7>					<7>		
		7					7				
Adrenal				<7>					<7>		
		7					7				
Eyeball				<7>					<7>		
		7					7				
Harderian gland				<7>					<7>		
Infiltration, inflammatory cell, focal		4	3	0	0	0	7	0	0	0	0
Skeletal muscle				<7>					<7>		
		7					7				

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

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

Organ Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	7					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Femur				<7>					<7>		
		7					7				
Mammary gland				<7>					<7>		
		7					7				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	12					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung		<12>					<10>				
Accumulation, macrophage, alveolar		11	1	0	0	0	8	2	0	0	0
Bronchus		<12>					<10>				
		12					10				
Trachea		<12>					<10>				
		12					10				
Submandibular gland		<12>					<10>				
		12					10				
Esophagus		<12>					<10>				
		12					10				
Stomach		<12>					<10>				
Erosion, glandular stomach		11	1	0	0	0	10	0	0	0	0
Duodenum		<12>					<10>				
		12					10				
Jejunum		<12>					<10>				
		12					10				
Ileum		<12>					<10>				
		12					10				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	12					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum		<12>					<10>				
		12					10				
Colon		<12>					<10>				
		12					10				
Rectum		<12>					<10>				
		12					10				
Pancreas		<12>					<10>				
Atrophy, acinar cell, focal		12	0	0	0	0	8	2	0	0	0
Liver		<12>					<10>				
Necrosis, focal		12	0	0	0	0	9	1	0	0	0
Heart		<12>					<10>				
		12					10				
Kidney		<12>					<10>				
Infiltration, inflammatory cell, renal pelvic mucosa		12	0	0	0	0	9	1	0	0	0
Basophilic change, renal tubule, focal		12	0	0	0	0	9	1	0	0	0
Urinary bladder		<12>					<10>				
		12					10				

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

Table 16 - 9

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	12					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Ovary				<12>					<10>		
		12					10				
Uterine horn				<12>					<10>		
		12					10				
Uterine cervix				<12>					<10>		
		12					10				
Vagina				<12>					<10>		
		12					10				
Cerebrum				<12>					<10>		
		12					10				
Cerebellum				<12>					<10>		
		12					10				
Pons				<12>					<10>		
		12					10				
Spinal cord				<12>					<10>		
		12					10				
Sciatic nerve				<12>					<10>		
		12					10				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	12					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Spleen				<12>					<10>		
		12					10				
Thymus				<12>					<10>		
Remnant, epithelial cell		11	1	0	0	0	7	3	0	0	0
Bone marrow, femur				<12>					<10>		
		12					10				
Submandibular lymph node				<12>					<10>		
		12					10				
Mesenteric lymph node				<12>					<10>		
		12					10				
Peyer's patch				<12>					<10>		
		12					10				
Pituitary gland				<12>					<10>		
		12					10				
Thyroid				<12>					<10>		
Remnant, ultimobranchial body		9	3	0	0	0	8	2	0	0	0
Parathyroid				<12>					<10>		
		12					10				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	12					10				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Adrenal		<12>					<10>				
Hyperplasia, cortex, focal		12	0	0	0	0	9	1	0	0	0
Eyeball		<12>					<10>				
		12					10				
Harderian gland		<12>					<10>				
		12					10				
Skeletal muscle		<12>					<10>				
		12					10				
Femur		<12>					<10>				
		12					10				
Mammary gland		<12>					<10>				
		12					10				

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

Table 16 - 12

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate				
	Dose	1000 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Lung				<1>		
		1				
Bronchus				<1>		
		1				
Trachea				<1>		
		1				
Esophagus				<1>		
		1				
Stomach				<1>		
		1				
Duodenum				<1>		
		1				
Jejunum				<1>		
		1				
Ileum				<1>		
		1				
Cecum				<1>		
		1				

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

Table 16 - 13

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate				
	Dose	1000 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Colon				<1>		
		1				
Rectum				<1>		
		1				
Pancreas				<1>		
		1				
Liver				<1>		
		1				
Heart				<1>		
		1				
Kidney				<1>		
		1				
Urinary bladder				<1>		
		1				
Ovary				<1>		
		1				
Uterine horn				<1>		
		1				

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

Table 16 - 14

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Unsuccessful mating

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate				
	Dose	1000 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Uterine cervix				<1>		
		1				
Vagina				<1>		
		1				
Cerebrum				<1>		
		1				
Cerebellum				<1>		
		1				
Pons				<1>		
		1				
Spinal cord				<1>		
		1				
Sciatic nerve				<1>		
		1				
Spleen				<1>		
		1				
Thymus				<1>		
		1				

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

Histopathological findings
Sex : Female Stage : Unsuccessful mating Species : Rat

Organ / Findings	Test article / Dose / Number of Animals / Grade	Ethylhexyl palmitate 1000 mg/kg 1				
		-	1+	2+	3+	4+
Bone marrow, femur				<1>		
		1				
Submandibular lymph node				<1>		
		1				
Mesenteric lymph node				<1>		
		1				
Peyer's patch				<1>		
		1				
Pituitary gland				<1>		
		1				
Thyroid				<1>		
Remnant, ultimobranchial body		0	1	0	0	0
Parathyroid				<1>		
		1				
Adrenal				<1>		
		1				
Eyeball				<1>		
		1				

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

Histopathological findings
Sex : Female Stage : Unsuccessful mating Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate				
	Dose	1000 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Harderian gland		<1>				
		1				
Skeletal muscle		<1>				
		1				
Femur		<1>				
		1				
Mammary gland		<1>				
		1				

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

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

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

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

Table 16 - 18

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

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

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

Table 16 - 19

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate				
	Dose	1000 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Uterine horn				<1>		
		1				
Uterine cervix				<1>		
		1				
Vagina				<1>		
		1				
Cerebrum				<1>		
		1				
Cerebellum				<1>		
		1				
Pons				<1>		
		1				
Spinal cord				<1>		
		1				
Sciatic nerve				<1>		
		1				
Spleen				<1>		
		1				

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

Table 16 - 20

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article: Ethylhexyl palmitate, Dose: 1000 mg/kg, Number of Animals: 1 — Grade: -	1+	2+	3+	4+
Thymus			<1>		
Remnant, epithelial cell	0	1	0	0	0
Bone marrow, femur			<1>		
	1				
Submandibular lymph node			<1>		
	1				
Mesenteric lymph node			<1>		
	1				
Peyer's patch			<1>		
	1				
Pituitary gland			<1>		
	1				
Thyroid			<1>		
	1				
Parathyroid			<1>		
	1				
Adrenal			<1>		
	1				

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

Table 16 - 21

Study No. : SR21141

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	Ethylhexyl palmitate				
	Dose	1000 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Eyeball				<1>		
		1				
Harderian gland				<1>		
		1				
Skeletal muscle				<1>		
		1				
Femur				<1>		
		1				
Mammary gland				<1>		
		1				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<5>					<5>		
Inflammation, focal		5	0	0	0	0	4	1	0	0	0
Bronchus				<5>					<5>		
		5					5				
Trachea				<5>					<5>		
		5					5				
Submandibular gland				<5>					<5>		
		5					5				
Esophagus				<5>					<5>		
		5					5				
Stomach				<5>					<5>		
		5					5				
Duodenum				<5>					<5>		
		5					5				
Jejunum				<5>					<5>		
		5					5				
Ileum				<5>					<5>		
		5					5				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum				<5>					<5>		
		5					5				
Colon				<5>					<5>		
		5					5				
Rectum				<5>					<5>		
		5					5				
Pancreas				<5>					<5>		
		5					5				
Liver				<5>					<5>		
Vacuolation, hepatocyte, periportal		5	0	0	0	0	4	1	0	0	0
Heart				<5>					<5>		
		5					5				
Kidney				<5>					<5>		
Infiltration, inflammatory cell, renal pelvic mucosa		3	2	0	0	0	5	0	0	0	0
Urinary bladder				<5>					<5>		
		5					5				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Ovary				<5>					<5>		
Cyst, lutein		5	0	0	0	0	4	0	1	0	0
Uterine horn				<5>					<5>		
		5					5				
Uterine cervix				<5>					<5>		
		5					5				
Vagina				<5>					<5>		
		5					5				
Cerebrum				<5>					<5>		
		5					5				
Cerebellum				<5>					<5>		
		5					5				
Pons				<5>					<5>		
		5					5				
Spinal cord				<5>					<5>		
		5					5				
Sciatic nerve				<5>					<5>		
		5					5				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Spleen				<5>					<5>		
		5					5				
Thymus				<5>					<5>		
Remnant, epithelial cell		5	0	0	0	0	3	2	0	0	0
Bone marrow, femur				<5>					<5>		
		5					5				
Submandibular lymph node				<5>					<5>		
		5					5				
Mesenteric lymph node				<5>					<5>		
		5					5				
Peyer's patch				<5>					<5>		
		5					5				
Pituitary gland				<5>					<5>		
Cyst, pars distalis		5	0	0	0	0	4	1	0	0	0
Thyroid				<5>					<5>		
Remnant, ultimobranchial body		5	0	0	0	0	4	1	0	0	0
Parathyroid				<5>					<5>		
		5					5				

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

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

Organ / Findings	Test article	Ethylhexyl palmitate					Ethylhexyl palmitate				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Adrenal				<5>					<5>		
		5					5				
Eyeball				<5>					<5>		
Dysplasia, retina		4	1	0	0	0	5	0	0	0	0
Harderian gland				<5>					<5>		
Infiltration, inflammatory cell, focal		3	2	0	0	0	4	1	0	0	0
Femur				<5>					<5>		
		5					5				
Mammary gland				<5>					<5>		
		5					5				

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

Table 17

Study No. : SR21141

Estrous cycles
Generation : F0

Species : Rat

Test article Dose		/Before mating Mean length of estrous cycle (Days)	Number of estrus	Number of animals with acyclic or irregular cycle
Ethylhexyl palmitate 0 mg/kg	n	12	12	12 (0)
	Mean	4.00	3.9	
	S.D.	0.00	0.3	
Ethylhexyl palmitate 100 mg/kg	n	12	12	12 (0)
	Mean	4.00	3.8	
	S.D.	0.00	0.5	
Ethylhexyl palmitate 300 mg/kg	n	11	12	12 (1)
	Mean	4.00	3.5	
	S.D.	0.00	0.9	
Ethylhexyl palmitate 1000 mg/kg	n	12	12	12 (0)
	Mean	4.08	3.7	
	S.D.	0.29	0.5	

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

Table 18 - 1

Study No. : SR21141

Reproductive performance
Generation : F0 Sex : Male

Species : Rat

Test article Dose		Number of pairs	Day of conceiving	1st mating Copulation index (%)	1st mating Fertility index (%)	2nd mating Copulation index (%)	2nd mating Fertility index (%)	Total Copulation index (%)	Total Fertility index (%)
Ethylhexyl palmitate	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
0 mg/kg	Mean		3.4	100.0	100.0			100.0	100.0
	S.D.		1.2						
Ethylhexyl palmitate	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
100 mg/kg	Mean		2.8	100.0	100.0			100.0	100.0
	S.D.		1.0						
Ethylhexyl palmitate	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
300 mg/kg	Mean		3.5	100.0	100.0			100.0	100.0
	S.D.		3.2						
Ethylhexyl palmitate	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
1000 mg/kg	Mean		2.5	91.7	90.9			91.7	90.9
	S.D.		1.2						

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 18 - 2

Study No. : SR21141

Reproductive performance
Generation : F0 Sex : Female

Species : Rat

Test article Dose		Number of pairs	Day of conceiving	1st mating Copulation index (%)	1st mating Fertility index (%)	2nd mating Copulation index (%)	2nd mating Fertility index (%)	Total Copulation index (%)	Total Fertility index (%)
Ethylhexyl palmitate	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
0 mg/kg	Mean		3.4	100.0	100.0			100.0	100.0
	S.D.		1.2						
Ethylhexyl palmitate	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
100 mg/kg	Mean		2.8	100.0	100.0			100.0	100.0
	S.D.		1.0						
Ethylhexyl palmitate	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
300 mg/kg	Mean		3.5	100.0	100.0			100.0	100.0
	S.D.		3.2						
Ethylhexyl palmitate	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
1000 mg/kg	Mean		2.5	91.7	90.9			91.7	90.9
	S.D.		1.2						

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 19 - 1

Study No. : SR21141

Delivery data
Generation : F0

Species : Rat

Test article Dose		Gestation length (day)	Gestation index (%)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns M	F	Total	Sex ratio (%) live-borns	delivered pups	Number of dead newborns
Ethylhexyl palmitate	n	12	12/12	12	12	12	12	12	12	89/179	89/180	12
0 mg/kg	Mean	22.33	100.0	15.8	94.58	15.0	7.4	7.5	14.9	49.7	49.4	0.1
	S.D.	0.49		2.1	7.01	2.4	2.8	2.5	2.5			0.3
Ethylhexyl palmitate	n	12	12/12	12	12	12	12	12	12	89/185	90/186	12
100 mg/kg	Mean	22.08	100.0	16.3	94.59	15.5	7.4	8.0	15.4	48.1	48.4	0.1
	S.D.	0.29		2.0	5.41	2.4	2.5	1.8	2.5			0.3
Ethylhexyl palmitate	n	12	12/12	12	12	12	12	12	12	84/165	85/167	12
300 mg/kg	Mean	22.33	100.0	14.9	93.24	13.9	7.0	6.8	13.8	50.9	50.9	0.2
	S.D.	0.49		1.8	5.97	2.0	1.5	2.4	2.1			0.4
Ethylhexyl palmitate	n	10	10/10	10	10	10	10	10	10	68/142	69/147	10
1000 mg/kg	Mean	22.70	100.0	15.3	95.96	14.7	6.8	7.4	14.2	47.9	46.9	0.5
	S.D.	0.48		1.5	3.54	1.7	2.7	3.0	1.8			0.7

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

Table 19 - 2

Study No. : SR21141

Derivery data (external examination of offspring)
Generation : F1

Postnatal Day : 0
Species : Rat

Test article	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate
Dose	0	100	300	1000
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	12	12	12	10
Number of offspring	179	185	165	142
Number of dams with anomalous offspring (incidence %)	0(0.00)	0(0.00)	0(0.00)	0(0.00)
Number of offspring with any anomaly (incidence %)	0(0.00)	0(0.00)	0(0.00)	0(0.00)

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 20

Study No. : SR21141

Clinical sign of offspring
Generation : F1

Species : Rat

Test article		/Postnatal Day													
Dose	Clinical signs	0	1	2	3	4	5	6	7	8	9	10	11	12	13
Ethylhexyl palmitate	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	Number of offspring	179	179	179	179	178	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Number of offspring	185	185	185	184	181	95	95	95	95	95	95	95	95	95
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Number of offspring	165	165	164	164	161	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	Trauma	1	1	1	1	1	0	0	0	0	0	0	0	0	0
Ethylhexyl palmitate	Number of dams examined	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Number of offspring	142	134	134	134	131	74	74	74	74	74	74	74	74	74
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 21

Study No. : SR21141

Litter size and viability index of offspring
Generation : F1

Species : Rat

Test article Dose	/Postnatal Day	0	0 Viability index (%)	4 Pre-culled	4 Viability index (%)	4 Post-culled	13	13 Viability index (%)
Ethylhexyl palmitate	Total	179		178		96	96	
0 mg/kg	n	12	12	12	12	12	12	12
	Mean		99.36		99.48			100.00
	S.D.		2.22		1.79			0.00
Ethylhexyl palmitate	Total	185		181		96	95	
100 mg/kg	n	12	12	12	12	12	12	12
	Mean		99.41		97.68			98.96
	S.D.		2.05		3.52			3.61
Ethylhexyl palmitate	Total	165		161		96	96	
300 mg/kg	n	12	12	12	12	12	12	12
	Mean		98.77		97.73			100.00
	S.D.		2.88		4.23			0.00
Ethylhexyl palmitate	Total	142		131		74	74	
1000 mg/kg	n	10	10	10	10	10	10	10
	Mean		96.55		89.96			100.00
	S.D.		4.75		24.99			0.00

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 22

Study No. : SR21141

Litter data on body weight of offspring

Generation : F1

Unit : g

Species : Rat

Test article			/Postnatal Day			
Dose			0	4	7	13
Ethylhexyl palmitate	Male	n	12	12	12	12
0 mg/kg		Mean	6.897	10.862	19.009	36.138
		S.D.	0.677	1.264	1.762	2.278
	Female	n	12	12	12	12
		Mean	6.462	9.983	17.588	34.443
		S.D.	0.569	1.205	2.051	2.685
Ethylhexyl palmitate	Male	n	12	12	12	12
100 mg/kg		Mean	6.434	9.631	17.183	33.634
		S.D.	0.599	1.622	2.468	3.460
	Female	n	12	12	12	12
		Mean	6.156	9.148	16.310	32.342
		S.D.	0.536	1.388	2.116	3.142
Ethylhexyl palmitate	Male	n	12	12	12	12
300 mg/kg		Mean	6.906	10.984	18.788	36.028
		S.D.	0.610	1.230	1.772	3.122
	Female	n	12	12	12	12
		Mean	6.461	10.218	17.550	34.225
		S.D.	0.629	1.207	1.669	3.013
Ethylhexyl palmitate	Male	n	10	9	9	9
1000 mg/kg		Mean	6.923	10.769	18.756	35.766
		S.D.	0.521	0.986	1.323	2.101
	Female	n	10	10	10	10
		Mean	6.502	10.070	17.335	33.541
		S.D.	0.325	0.874	2.325	4.613

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 23

Study No. : SR21141

Litter data on anogenital distance of offspring
Generation : F1

Unit : mm Species : Rat

Dose / Test article	Sex		/Postnatal Day 4 AGD	AGD/$\sqrt[3]{BW}$
Ethylhexyl palmitate 0 mg/kg	Male	n	12	12
		Mean	5.8014	2.6248
		S.D.	0.2789	0.0592
	Female	n	12	12
		Mean	2.8474	1.3265
		S.D.	0.1120	0.0563
Ethylhexyl palmitate 100 mg/kg	Male	n	12	12
		Mean	5.5974	2.6443
		S.D.	0.2813	0.0694
	Female	n	12	12
		Mean	2.7617	1.3267
		S.D.	0.1254	0.0550
Ethylhexyl palmitate 300 mg/kg	Male	n	12	12
		Mean	5.8773	2.6526
		S.D.	0.2286	0.1097
	Female	n	12	12
		Mean	2.9187	1.3481
		S.D.	0.1468	0.0614
Ethylhexyl palmitate 1000 mg/kg	Male	n	9	9
		Mean	5.8556	2.6567
		S.D.	0.2814	0.1038
	Female	n	10	10
		Mean	2.8920	1.3413
		S.D.	0.2026	0.0829

AGD : Anogenital Distance
Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 24

Study No. : SR21141

Litter data on nipple retention of male offspring
Generation : F1

Unit : No.

Species : Rat

Test article Dose			Postnatal day 13 Number of nipples
Ethylhexyl palmitate 0 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
Ethylhexyl palmitate 100 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
Ethylhexyl palmitate 300 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
Ethylhexyl palmitate 1000 mg/kg	Male	n	9
		Mean	0.00
		S.D.	0.00

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 25

Study No. : SR21141

Serum T4 concentration of offspring

Stage : Postnatal day 13

Generation : F1

Species : Rat

Test article Dose		T4 ng/mL
Ethylhexyl palmitate 0 mg/kg	n	12
	Mean	51.64
	S.D.	6.14
Ethylhexyl palmitate 100 mg/kg	n	12
	Mean	47.60
	S.D.	5.81
Ethylhexyl palmitate 300 mg/kg	n	12
	Mean	52.28
	S.D.	5.85
Ethylhexyl palmitate 1000 mg/kg	n	10
	Mean	52.20
	S.D.	5.23

Not significantly different from Ethylhexyl palmitate 0 mg/kg

Table 26

Study No. : SR21141

Necropsy findings of offspring
Generation : F1

Species : Rat

Test article	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate	Ethylhexyl palmitate
Dose	0	100	300	1000
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	12	12	12	10
Number of live offspring examined on postnatal Day 13	96	95	96	74
Finding absent	96	95	96	74
Number of dead offspring examined on postnatal Day 0-13	1	5	3	9
Finding absent	1	5	3	9

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

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

Animal No.	Clinical signs	Day	10		11		12		13		14	
		Time	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-
10212	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10212	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10303	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		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	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-	-	-	

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

Clinical sign
Sex : Female

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

Species : Rat

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

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-22
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

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

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

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

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

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

Clinical sign
Sex : Female

Period : Administration Day 1-17
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-22
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		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		-	-	-	-	-	-	-	-		

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		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		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Female

Period : Administration Day 1-26
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

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

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

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality																	
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality																	
50354	No abnormality																	
50355	No abnormality																	
50356	No abnormality																	
50357	No abnormality																	
50358	No abnormality																	
50359	No abnormality																	
50360	No abnormality																	
50361	No abnormality																	
50362	No abnormality																	

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-22
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

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

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

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

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

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

Clinical sign
Sex : Female

Period : Administration Day 1-52
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

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

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50452	No abnormality		-	-	-	-	-	-	-	-	-	-								
50453	No abnormality		-	-	-	-	-	-	-	-	-	-								
50454	No abnormality		-	-	-	-	-	-	-	-	-	-								
50455	No abnormality		-	-	-	-	-	-	-	-	-	-								
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality																			
50452	No abnormality																			
50453	No abnormality																			
50454	No abnormality																			
50455	No abnormality																			
50456	No abnormality																			
50457	No abnormality																			
50458	No abnormality																			
50459	No abnormality																			
50460	No abnormality																			
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality																			

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Administration Day 1-52
Dose : Ethylhexyl palmitate 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	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	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
		Time	1	2	1	2	1	2	1	2	1	2	1	2	3
50451	No abnormality														
50452	No abnormality														
50453	No abnormality														
50454	No abnormality														
50455	No abnormality														
50456	No abnormality														
50457	No abnormality														
50458	No abnormality														
50459	No abnormality														
50460	No abnormality														
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality														

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

Clinical sign
Sex : Female

Period : Gestation Day 0-26
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

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

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

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

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

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

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

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

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

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

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 15-29
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-	-	-	

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

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

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

Animal No.	Clinical signs	Day	10		11		12		13		14	
		Time	1	2	1	2	1	2	1	2	1	2
50651	No abnormality		-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-
50660	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 15-29
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	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		-	-	-	-	-	-	-	-	-	-	

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

Clinical sign
Sex : Male

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

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-

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

Clinical sign
Sex : Female (satellite)

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

Species : Rat

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

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

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

Clinical sign
Sex : Female (satellite)

Period : Recovery Day 1-15
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

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

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

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

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

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

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

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

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 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 42
Sex : Female Dose : Ethylhexyl palmitate 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 42
Sex : Female Dose : Ethylhexyl palmitate 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
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	11	11	11	11	11	11

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

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

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

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

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 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 49
Sex : Female Dose : Ethylhexyl palmitate 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 49
Sex : Female Dose : Ethylhexyl palmitate 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
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	11	11	11	11	11	11

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

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

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

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

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

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

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

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

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

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

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

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

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

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

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

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

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

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

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

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

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

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

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

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

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

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

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10111	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10406	1	1	1	0	0	1
10409	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10111	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10406	1	1	1	0	0	1
10409	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	5	5	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	11	11	11	11	11	11	11	11

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	11	11	11	11

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

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

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

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	11	11	11	11	11	11	11	11

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	11	11	11	11

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

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

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10111	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10406	1	1	1	0
10409	1	1	1	0
10412	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10111	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10406	1	1	1	0
10409	1	1	1	0
10412	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	5	5	5	5

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	1	0	0
10102	1	1	1	1	0	1	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	1	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	1	1	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	1	1	0	0
10202	1	1	1	1	0	1	0	0
10203	1	1	1	1	1	0	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	1	1	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	1	0	0
10303	1	1	1	1	0	1	0	0
10304	1	1	1	1	1	1	0	0
10305	1	1	1	1	1	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	1	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	1	1	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	1	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	0	0	0
10102	1	1	1	1	1	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	1	1	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	1	1	0	0
10202	1	1	1	1	0	1	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	1	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	1	1	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	0	0	0
10102	1	1	1	1	1	0	0	0
10103	1	1	1	1	1	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	1	1	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	1	1	0	0
10202	1	1	1	1	1	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	1	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	1	1	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	1	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	0	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	1	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	1	0	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	1	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	1	0	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	0	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	0	0	0	0
10105	1	1	1	1	0	1	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	0	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	0	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	1	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	0	0	0
10412	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	1	0	0
50152	1	1	1	1	0	1	0	0
50153	1	1	1	1	0	1	0	0
50154	1	1	1	1	0	1	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	1	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	1	1	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	1	1	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	1	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	1	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	1	1	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	1	1	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	1	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	1	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	1	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	1	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	1	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	1	1	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	1	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	1	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	1	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	1	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	1	1	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	1	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	1	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	1	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	1	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	1	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	1	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	1	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	1	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	1	1	0	0
50256	1	1	1	1	0	0	1	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	1	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	1	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	1	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	11	11	11

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

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	1	0	0	0
50153	1	1	1	1	1	0	0	0
50154	1	1	1	1	0	1	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	1	1	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	1	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

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

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	1	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	1	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	11	11	11

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	1	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	1	1	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	1	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	1	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	1	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	1	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	1	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	1	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

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

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10111	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10409	1	1	1	1	1	1	0	0
10412	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10406	1	1	1
10409	1	1	1
10412	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	1	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10111	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	0	0	0
10402	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10409	1	1	1	1	0	1	0	0
10412	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10406	1	1	1
10409	1	1	1
10412	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	5	5	5

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

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	5	5	5

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

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10105	4	2	1	2	1	1
10106	4	2	1	2	1	1
10107	4	2	1	2	1	1
10108	4	2	1	2	1	1
10111	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10202	4	2	1	2	1	1
10206	4	2	1	2	1	1
10207	4	2	1	2	1	1
10210	4	2	1	2	1	1
10212	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10305	4	2	1	2	1	1
10307	4	2	1	2	1	1
10308	4	2	1	2	1	1
10309	4	2	1	2	1	1
10312	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10401	4	2	1	2	1	1
10402	4	2	1	2	1	1
10406	4	2	1	2	1	1
10409	4	2	1	2	1	1
10412	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50151	4	2	1	2	1	1
50152	4	2	1	2	1	1
50154	4	2	1	2	1	1
50157	4	2	1	2	1	1
50160	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50253	4	2	1	2	1	1
50254	4	2	1	2	1	1
50255	4	2	1	2	1	1
50259	4	2	1	2	1	1
50262	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50353	4	2	1	2	1	1
50356	4	2	1	2	1	1
50357	4	2	1	2	1	1
50359	4	2	1	2	1	1
50361	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50451	4	2	1	2	1	1
50452	4	2	1	2	1	1
50453	4	2	1	2	1	1
50454	4	2	1	2	1	1
50458	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Female (satellite) Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50556	4	2	1	2	1	1
50557	4	2	1	2	1	1
50558	4	2	1	2	1	1
50559	4	2	1	2	1	1
50560	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Female (satellite) Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50656	4	2	1	2	1	1
50657	4	2	1	2	1	1
50658	4	2	1	2	1	1
50659	4	2	1	2	1	1
50660	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Grip strength
Sex : Male
Stage : Week 4
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10105	1529	1462	1563	1518.0	505	394	549	482.7
10106	1759	1693	1998	1816.7	544	525	588	552.3
10107	1434	1833	1970	1745.7	554	533	465	517.3
10108	1552	1399	1785	1578.7	378	459	459	432.0
10111	1355	1491	1627	1491.0	458	422	426	435.3
n	5	5	5	5	5	5	5	5
Mean	1525.8	1575.6	1788.6	1630.02	487.8	466.6	497.4	483.92
S.D.	152.2	181.2	196.1	143.82	72.1	61.5	68.0	52.08

Grip strength
Sex : Male
Stage : Week 4
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10202	1029	1583	1676	1429.3	509	447	465	473.7
10206	1226	1436	1713	1458.3	416	405	487	436.0
10207	1043	1254	1131	1142.7	448	453	502	467.7
10210	1727	1683	1640	1683.3	382	473	557	470.7
10212	1465	1318	1638	1473.7	437	363	463	421.0
n	5	5	5	5	5	5	5	5
Mean	1298.0	1454.8	1559.6	1437.46	438.4	428.2	494.8	453.82
S.D.	297.7	178.8	241.6	193.09	46.8	44.1	38.3	23.81

Grip strength
Sex : Male

Stage : Week 4
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10305	1110	1349	1126	1195.0	333	377	509	406.3
10307	1245	1438	1193	1292.0	399	351	539	429.7
10308	1641	1989	1693	1774.3	406	558	492	485.3
10309	1370	1377	1146	1297.7	478	386	332	398.7
10312	1638	1823	1682	1714.3	493	594	451	512.7
n	5	5	5	5	5	5	5	5
Mean	1400.8	1595.2	1368.0	1454.66	421.8	453.2	464.6	446.54
S.D.	236.5	291.5	292.7	268.38	65.0	113.6	80.7	50.18

Grip strength
Sex : Male
Stage : Week 4
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10401	1609	1663	1529	1600.3	429	329	438	398.7
10402	1738	1897	1627	1754.0	470	492	563	508.3
10406	1262	1724	1358	1448.0	524	371	501	465.3
10409	1813	1823	1807	1814.3	495	477	570	514.0
10412	1269	1238	1424	1310.3	369	419	432	406.7
n	5	5	5	5	5	5	5	5
Mean	1538.2	1669.0	1549.0	1585.38	457.4	417.6	500.8	458.60
S.D.	259.4	257.2	176.9	209.52	60.5	69.1	65.8	54.47

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50151	1458	1471	1387	1438.7	437	474	495	468.7
50152	1718	1693	1770	1727.0	494	478	475	482.3
50154	1511	1341	1637	1496.3	397	418	357	390.7
50157	1111	1331	1170	1204.0	455	407	492	451.3
50160	1250	1377	1341	1322.7	404	518	376	432.7
n	5	5	5	5	5	5	5	5
Mean	1409.6	1442.6	1461.0	1437.74	437.4	459.0	439.0	445.14
S.D.	235.8	150.5	240.3	196.83	39.6	46.0	67.0	35.68

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50253	1526	1400	1552	1492.7	363	377	355	365.0
50254	1185	1314	1486	1328.3	416	481	510	469.0
50255	1192	1396	1537	1375.0	422	512	417	450.3
50259	1417	1310	1317	1348.0	381	382	385	382.7
50262	1207	1140	1220	1189.0	360	458	387	401.7
n	5	5	5	5	5	5	5	5
Mean	1305.4	1312.0	1422.4	1346.60	388.4	442.0	410.8	413.74
S.D.	156.7	105.3	146.7	108.77	29.1	60.2	59.6	44.37

Grip strength
Sex : Female

Stage : Lactation day 13
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50353	1092	1271	1609	1324.0	491	445	395	443.7
50356	1138	1222	1275	1211.7	396	469	367	410.7
50357	1273	1477	1413	1387.7	536	422	497	485.0
50359	1436	1569	1574	1526.3	453	500	451	468.0
50361	1289	1542	1540	1457.0	453	499	376	442.7
n	5	5	5	5	5	5	5	5
Mean	1245.6	1416.2	1482.2	1381.34	465.8	467.0	417.2	450.02
S.D.	136.1	159.4	137.4	121.29	51.9	34.0	55.3	28.22

Grip strength
Sex : Female

Stage : Lactation day 13
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50451	1073	1269	1236	1192.7	414	446	393	417.7
50452	1145	1496	1432	1357.7	541	552	554	549.0
50453	1500	1571	1353	1474.7	427	481	452	453.3
50454	1451	1255	1448	1384.7	338	310	343	330.3
50458	1236	1354	1443	1344.3	432	440	463	445.0
n	5	5	5	5	5	5	5	5
Mean	1281.0	1389.0	1382.4	1350.82	430.4	445.8	441.0	439.06
S.D.	187.5	139.8	90.5	101.96	72.5	88.0	79.5	78.44

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50556	652	575	768	665.0	238	243	222	234.3
50557	841	876	962	893.0	305	318	315	312.7
50558	825	999	934	919.3	357	328	412	365.7
50559	1057	1056	1292	1135.0	444	321	368	377.7
50560	1016	1256	1330	1200.7	397	391	357	381.7
n	5	5	5	5	5	5	5	5
Mean	878.2	952.4	1057.2	962.60	348.2	320.2	334.8	334.42
S.D.	163.0	251.7	243.6	213.13	80.1	52.5	71.9	62.42

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50656	773	812	896	827.0	270	290	227	262.3
50657	946	871	1080	965.7	321	322	353	332.0
50658	946	1153	1281	1126.7	265	249	300	271.3
50659	1154	1210	1138	1167.3	296	343	325	321.3
50660	1074	886	1227	1062.3	296	290	341	309.0
n	5	5	5	5	5	5	5	5
Mean	978.6	986.4	1124.4	1029.80	289.6	298.8	309.2	299.18
S.D.	145.1	181.4	149.5	136.55	22.7	35.8	50.1	30.82

Motor activity measurements Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10105	702	330	398	138	37	327	1932
10106	523	499	421	238	157	138	1976
10107	562	326	183	43	0	2	1116
10108	406	251	204	138	77	27	1103
10111	588	273	228	162	393	188	1832
n	5	5	5	5	5	5	5
Mean	556.2	335.8	286.8	143.8	132.8	136.4	1591.8
S.D.	107.2	97.3	113.4	69.7	156.7	131.4	443.4

Motor activity measurements Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
10202	270	167	86	26	69	32	650
10206	686	347	183	226	126	220	1788
10207	462	290	209	64	72	13	1110
10210	480	259	165	145	109	153	1311
10212	243	88	81	13	39	108	572
n	5	5	5	5	5	5	5
Mean	428.2	230.2	144.8	94.8	83.0	105.2	1086.2
S.D.	180.0	102.8	58.1	89.6	34.6	85.6	499.6

Motor activity measurements Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10305	303	139	216	144	107	88	997
10307	505	255	231	110	41	19	1161
10308	244	141	156	125	137	128	931
10309	322	97	8	97	0	0	524
10312	393	305	180	152	60	116	1206
n	5	5	5	5	5	5	5
Mean	353.4	187.4	158.2	125.6	69.0	70.2	963.8
S.D.	100.1	88.1	89.0	22.9	54.1	57.7	270.7

Motor activity measurements Stage : Week 4
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
10401	264	179	110	100	48	49	750
10402	814	447	517	638	610	219	3245
10406	435	256	235	214	195	188	1523
10409	418	224	174	94	135	111	1156
10412	829	444	352	246	175	120	2166
n	5	5	5	5	5	5	5
Mean	552.0	310.0	277.6	258.4	232.6	137.4	1768.0
S.D.	254.9	126.7	160.8	222.7	218.4	67.1	976.1

Motor activity measurements
Sex : Female
Stage : Lactation day 13
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50151	248	89	163	4	64	0	568
50152	724	98	0	0	0	0	822
50154	372	59	0	0	31	0	462
50157	420	186	207	177	76	96	1162
50160	514	253	84	19	123	35	1028
n	5	5	5	5	5	5	5
Mean	455.6	137.0	90.8	40.0	58.8	26.2	808.4
S.D.	178.0	80.3	93.9	77.0	46.6	41.9	296.3

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50253	626	64	8	0	1	0	699
50254	432	47	40	21	44	114	698
50255	500	303	100	155	76	253	1387
50259	117	77	112	16	43	0	365
50262	588	262	2	78	0	0	930
n	5	5	5	5	5	5	5
Mean	452.6	150.6	52.4	54.0	32.8	73.4	815.8
S.D.	202.3	121.7	51.2	63.7	32.3	111.9	377.5

Motor activity measurements
Sex : Female
Stage : Lactation day 13
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50353	484	431	346	296	238	339	2134
50356	71	136	139	0	0	9	355
50357	377	331	202	137	30	40	1117
50359	48	33	5	0	0	5	91
50361	405	54	32	0	0	101	592
n	5	5	5	5	5	5	5
Mean	277.0	197.0	144.8	86.6	53.6	98.8	857.8
S.D.	202.6	175.9	137.9	131.2	103.9	139.7	807.4

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50451	592	248	14	0	196	0	1050
50452	93	31	48	0	169	123	464
50453	449	363	261	421	311	338	2143
50454	868	518	374	365	294	320	2739
50458	364	191	132	17	27	34	765
n	5	5	5	5	5	5	5
Mean	473.2	270.2	165.8	160.6	199.4	163.0	1432.2
S.D.	285.9	183.0	150.4	213.2	114.1	158.2	967.2

Motor activity measurements
Sex : Female (satellite)
Stage : Week 4
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50556	351	339	191	163	34	60	1138
50557	472	336	352	293	249	112	1814
50558	549	274	217	68	0	10	1118
50559	1136	1018	610	722	297	31	3814
50560	830	750	366	218	512	155	2831
n	5	5	5	5	5	5	5
Mean	667.6	543.4	347.2	292.8	218.4	73.6	2143.0
S.D.	315.6	326.1	166.4	253.6	209.2	59.5	1165.6

Motor activity measurements
Sex : Female (satellite)
Stage : Week 4
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50656	459	360	148	120	51	119	1257
50657	550	182	83	110	2	0	927
50658	445	282	117	69	67	86	1066
50659	840	358	288	9	0	0	1495
50660	594	405	245	152	284	9	1689
n	5	5	5	5	5	5	5
Mean	577.6	317.4	176.2	92.0	80.8	42.8	1286.8
S.D.	159.3	87.6	86.9	55.1	117.4	55.9	309.9

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10101	435	441	452	472	482	504	69
10102	433	425	456	481	483	507	74
10103	417	423	432	449	467	498	81
10104	488	508	537	558	601	633	145
10105	472	490	512	533	558	567	95
10106	469	481	499	524	537	550	81
10107	451	461	472	492	502	510	59
10108	445	450	465	480	497	506	61
10109	456	469	486	513	531	554	98
10110	496	512	526	565	571	596	100
10111	456	471	487	509	530	550	94
10112	443	458	475	505	503	513	70
n	12	12	12	12	12	12	12
Mean	455.1	465.8	483.3	506.8	521.8	540.7	85.6
S.D.	23.1	28.9	31.2	34.6	40.3	42.5	23.5

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10201	497	515	529	562	573	605	108
10202	453	471	486	518	521	542	89
10203	443	464	477	500	520	543	100
10204	423	422	426	450	465	481	58
10205	448	457	466	492	503	524	76
10206	463	475	496	522	550	568	105
10207	431	445	461	475	495	501	70
10208	484	493	505	542	556	588	104
10209	430	438	454	468	490	512	82
10210	462	480	494	522	541	548	86
10211	473	482	497	530	549	572	99
10212	449	458	474	498	515	541	92
n	12	12	12	12	12	12	12
Mean	454.7	466.7	480.4	506.6	523.2	543.8	89.1
S.D.	22.4	25.2	27.0	32.3	31.7	36.0	15.4

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10301	446	457	470	497	516	537	91
10302	451	466	483	508	526	557	106
10303	422	421	436	453	471	491	69
10304	493	502	515	545	569	595	102
10305	463	468	482	510	522	534	71
10306	443	451	470	483	508	523	80
10307	426	434	446	476	501	523	97
10308	482	488	506	536	559	578	96
10309	440	453	462	494	517	527	87
10310	456	467	477	503	523	543	87
10311	458	466	481	513	537	559	101
10312	468	479	488	515	526	541	73
n	12	12	12	12	12	12	12
Mean	454.0	462.7	476.3	502.8	522.9	542.3	88.3
S.D.	20.9	22.0	22.2	25.1	25.5	27.4	12.7

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10401	494	511	524	551	558	580	86
10402	450	459	474	492	517	536	86
10403	451	458	478	496	521	541	90
10404	457	464	478	508	527	555	98
10405	461	470	486	519	538	571	110
10406	474	487	503	528	533	552	78
10407	461	472	487	521	532	550	89
10408	428	435	446	456	470	482	54
10409	413	421	438	463	485	503	90
10410	473	482	503	519	538	553	80
10411	436	454	472	500	519	544	108
10412	463	474	490	511	531	542	79
n	12	12	12	12	12	12	12
Mean	455.1	465.6	481.6	505.3	522.4	542.4	87.3
S.D.	21.8	23.5	23.7	26.6	23.8	26.8	14.8

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50151	271	268	278	294	23
50152	271	278	286	294	23
50153	248	260	269	274	26
50154	242	258	265	270	28
50155	257	259	262	270	13
50156	265	266	272	271	6
50157	245	253	266	275	30
50158	272	285	293	303	31
50159	260	276	279	286	26
50160	252	266	272	279	27
50161	294	304	318	323	29
50162	233	245	257	257	24
n	12	12	12	12	12
Mean	259.2	268.2	276.4	283.0	23.8
S.D.	16.7	15.8	16.6	18.0	7.3

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50251	240	249	259	261	21
50252	254	254	259	264	10
50253	267	280	286	291	24
50254	254	260	264	270	16
50255	278	278	280	300	22
50256	262	269	280	277	15
50257	241	249	255	260	19
50258	251	263	268	275	24
50259	259	263	263	274	15
50260	283	291	301	313	30
50261	281	280	281	277	-4
50262	238	237	251	261	23
n	12	12	12	12	12
Mean	259.0	264.4	270.6	276.9	17.9
S.D.	15.8	15.8	14.9	16.7	8.7

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50351	255	263	276	283	28
50352	238	248	252	265	27
50353	255	254	254	278	23
50354	275	288	298	318	43
50355	251	256	267	269	18
50356	264	275	278	277	13
50357	251	267	272	268	17
50358	273	283	288	292	19
50359	268	271	276	293	25
50360	250	262	265	271	21
50361	247	244	247	256	9
50362	291	303	317	296	5
n	12	12	12	12	12
Mean	259.8	267.8	274.2	280.5	20.7
S.D.	14.8	17.3	20.0	17.0	9.9

Body weight of animal No. 50352 was 296 g on Day 21.

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50451	239	252	258	269	30
50452	252	269	272	260	8
50453	258	260	256	272	14
50454	260	265	268	271	11
50455	262	259	271	270	8
50456	272	284	294	303	31
50457	267	276	278	277	10
50458	255	269	273	273	18
50459	270	281	287	295	25
50460	254	264	274	275	21
50461	283	286	293	305	22
50462	225	226	231	240	15
n	12	12	12	12	12
Mean	258.1	265.9	271.3	275.8	17.8
S.D.	15.3	16.4	17.4	18.1	8.1

Body weight of animal No. 50461 were 347, 353, 351, 359, and 356 g on Days 21, 28, 35, 42, and 49, respectively.

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	Body weight /Day 0	7	14	20	Body weight gain
50151	291	333	382	487	196
50152	304	330	367	449	145
50153	273	319	355	437	164
50154	263	298	345	424	161
50155	287	315	362	444	157
50156	288	327	369	458	170
50157	271	305	346	446	175
50158	308	341	387	468	160
50159	301	328	367	458	157
50160	280	317	361	468	188
50161	329	377	425	495	166
50162	271	292	334	405	134
n	12	12	12	12	12
Mean	288.8	323.5	366.7	453.3	164.4
S.D.	19.1	22.3	23.8	25.2	16.9

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50251	263	286	327	405	142
50252	282	312	352	433	151
50253	306	333	382	482	176
50254	279	315	351	445	166
50255	295	341	385	475	180
50256	290	336	381	469	179
50257	272	317	360	458	186
50258	281	327	365	449	168
50259	274	296	330	412	138
50260	310	347	374	453	143
50261	295	326	369	469	174
50262	267	292	334	406	139
n	12	12	12	12	12
Mean	284.5	319.0	359.2	446.3	161.8
S.D.	14.9	19.7	20.6	27.0	18.0

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50351	294	325	356	431	137
50352	296	317	350	411	115
50353	273	312	347	429	156
50354	329	370	409	484	155
50355	269	304	348	425	156
50356	289	330	363	446	157
50357	270	289	324	409	139
50358	310	329	366	454	144
50359	286	326	357	419	133
50360	290	332	374	465	175
50361	257	295	335	409	152
50362	304	342	381	469	165
n	12	12	12	12	12
Mean	288.9	322.6	359.2	437.6	148.7
S.D.	20.0	21.8	22.2	25.6	16.0

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50451	277	312	355	436	159
50452	263	311	362	453	190
50453	275	309	352	445	170
50454	271	309	352	424	153
50455	273 $	307 $	326 $	326 $	53 $
50456	315	349	384	472	157
50457	286	326	371	458	172
50458	274	310	350	431	157
50459	306	351	404	484	178
50460	283	331	374	460	177
50462	246	287	332	400	154
n	10	10	10	10	10
Mean	279.6	319.5	363.6	446.3	166.7
S.D.	19.8	19.8	20.4	24.6	12.5

$: Excepted data from calculation (non-pregnancy)

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50151	372	381	383	393	21
50152	336	355	354	382	46
50153	327	334	342	364	37
50154	337	345	359	359	22
50155	348	335	350	355	7
50156	344	340	365	363	19
50157	317	350	357	366	49
50158	369	392	405	407	38
50159	343	342	352	369	26
50160	347	367	373	387	40
50161	444	426	423	422	-22
50162	310	331	322	334	24
n	12	12	12	12	12
Mean	349.5	358.2	365.4	375.1	25.6
S.D.	34.8	28.7	27.5	24.3	19.4

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50251	330	350	347	348	18
50252	321	358	357	374	53
50253	351	354	360	378	27
50254	332	344	349	370	38
50255	361	366	377	388	27
50256	352	375	364	405	53
50257	356	366	366	361	5
50258	345	357	366	376	31
50259	309	331	348	340	31
50260	359	367	356	366	7
50261	355	378	390	380	25
50262	317	326	331	344	27
n	12	12	12	12	12
Mean	340.7	356.0	359.3	369.2	28.5
S.D.	18.0	16.2	15.3	18.9	14.9

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g
Species : Rat

Animal No.	Body weight /Day 0	4	7	13	Body weight gain
50351	342	367	363	386	44
50352	324	351	365	356	32
50353	315	325	335	353	38
50354	395	395	413	424	29
50355	313	344	351	358	45
50356	346	338	339	362	16
50357	331	313	332	344	13
50358	352	359	369	364	12
50359	340	357	363	384	44
50360	358	377	391	401	43
50361	313	329	346	354	41
50362	351	356	367	386	35
n	12	12	12	12	12
Mean	340.0	350.9	361.2	372.7	32.7
S.D.	23.5	23.0	23.5	23.7	12.5

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50451	345	360	367	384	39
50452	336	361	375	387	51
50453	340	349	355	359	19
50454	343	346	358	374	31
50456	378	378	379	399	21
50457	349	380	386	391	42
50458	328	351	354	366	38
50459	391	409	393	397	6
50460	374	395	394	411	37
50462	317	334	339	346	29
n	10	10	10	10	10
Mean	350.1	366.3	370.0	381.4	31.3
S.D.	23.5	23.6	18.4	20.0	13.1

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

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50551	279	280	292	304	310	313	34
50552	258	254	267	276	275	279	21
50553	273	277	274	290	299	305	32
50554	249	259	249	267	273	280	31
50555	262	271	280	284	289	301	39
50556	274	292	311	322	316	329	55
50557	246	250	250	266	271	277	31
50558	250	259	268	271	277	286	36
50559	256	264	256	279	280	291	35
50560	271	272	276	289	304	303	32
n	10	10	10	10	10	10	10
Mean	261.8	267.8	272.3	284.8	289.4	296.4	34.6
S.D.	11.8	13.0	19.2	17.5	16.6	16.9	8.6

Body weight
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50651	235	244	252	252	250	263	28
50652	276	286	291	303	312	338	62
50653	260	266	269	274	279	289	29
50654	276	276	278	299	310	315	39
50655	261	273	287	287	285	310	49
50656	264	267	272	286	291	289	25
50657	254	257	261	263	265	282	28
50658	287	290	293	314	332	347	60
50659	243	260	263	294	297	289	46
50660	244	256	261	259	274	281	37
n	10	10	10	10	10	10	10
Mean	260.0	267.5	272.7	283.1	289.5	300.3	40.3
S.D.	16.5	14.2	14.1	20.5	24.3	26.7	13.5

Body weight
Sex : Male
Period : Recovery Day 1-14
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10105	559	583	604	45
10106	553	565	578	25
10107	507	525	528	21
10108	505	516	535	30
10111	556	569	577	21
n	5	5	5	5
Mean	536.0	551.6	564.4	28.4
S.D.	27.5	29.3	32.0	10.0

Body weight
Sex : Male
Period : Recovery Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10401	578	598	616	38
10402	528	540	557	29
10406	551	563	573	22
10409	498	519	540	42
10412	546	566	572	26
n	5	5	5	5
Mean	540.2	557.2	571.6	31.4
S.D.	29.6	29.7	28.2	8.4

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

Animal No.	/Day 1	7	14	Body weight gain
50556	325	342	344	19
50557	281	283	296	15
50558	281	300	303	22
50559	302	296	316	14
50560	306	313	330	24
n	5	5	5	5
Mean	299.0	306.8	317.8	18.8
S.D.	18.6	22.4	19.6	4.3

Body weight
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50656	296	293	303	7
50657	275	289	299	24
50658	354	363	374	20
50659	292	311	337	45
50660	270	285	288	18
n	5	5	5	5
Mean	297.4	308.2	320.2	22.8
S.D.	33.5	32.2	35.2	13.9

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

Animal No.	/Day 4	7	14	28
10101	22.3	22.3	22.7	21.3
10102	20.7	21.6	22.0	20.8
10103	21.7	21.8	22.6	23.8
10104	29.5	29.6	31.4	29.6
10105	25.1	24.1	22.8	20.5
10106	24.9	22.6	22.4	21.8
10107	22.6	21.7	20.1	17.0
10108	21.6	22.7	22.4	18.5
10109	24.3	23.7	24.2	23.7
10110	25.8	24.8	27.0	24.0
10111	23.8	24.1	24.0	22.7
10112	24.3	23.4	23.9	20.4
n	12	12	12	12
Mean	23.88	23.53	23.79	22.01
S.D.	2.38	2.18	2.90	3.20

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

Animal No.	/Day 4	7	14	28
10201	25.8	25.8	27.2	28.3
10202	24.0	24.0	23.4	21.0
10203	22.9	22.2	22.4	23.6
10204	20.3	21.0	22.3	21.9
10205	22.1	21.4	21.6	21.3
10206	24.0	24.4	24.4	23.0
10207	23.9	24.1	23.4	21.1
10208	24.2	22.4	25.1	24.8
10209	18.8	21.2	20.9	20.1
10210	23.4	24.8	23.6	20.5
10211	21.5	23.3	25.3	24.4
10212	23.1	23.2	23.9	23.2
n	12	12	12	12
Mean	22.83	23.15	23.63	22.77
S.D.	1.91	1.53	1.74	2.32

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

Animal No.	/Day 4	7	14	28
10301	21.5	22.6	22.9	22.6
10302	23.3	23.0	23.7	:::
10303	20.6	20.3	22.0	22.5
10304	26.4	27.5	27.6	27.9
10305	21.9	21.1	21.6	20.5
10306	20.4	22.1	21.8	21.1
10307	20.0	20.3	21.6	21.4
10308	24.2	25.5	25.8	25.7
10309	20.3	19.6	20.9	19.5
10310	24.4	23.0	23.0	22.7
10311	23.6	23.5	23.6	24.0
10312	24.3	23.3	23.9	23.3
n	12	12	12	11
Mean	22.58	22.65	23.20	22.84
S.D.	2.07	2.26	1.93	2.39

::: : During mating

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

Animal No.	/Day 4	7	14	28
10401	25.7	24.3	24.9	22.8
10402	24.9	24.8	24.2	23.6
10403	22.5	23.0	22.4	23.0
10404	20.8	22.5	23.2	23.1
10405	23.4	23.9	24.5	25.8
10406	24.0	24.5	24.8	21.4
10407	24.1	23.4	25.1	22.4
10408	21.2	21.1	20.5	21.4
10409	21.4	22.8	22.5	22.0
10410	24.8	25.0	23.8	22.0
10411	23.8	25.1	25.6	:::
10412	23.9	23.3	23.7	21.5
n	12	12	12	11
Mean	23.38	23.64	23.77	22.64
S.D.	1.57	1.19	1.44	1.29

::: : During mating

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50151	15.7	16.0	16.9
50152	16.7	15.8	16.5
50153	17.2	14.1	14.1
50154	18.5	16.4	15.7
50155	15.5	14.7	17.3
50156	17.3	15.5	15.9
50157	14.9	14.2	15.5
50158	20.5	17.4	19.1
50159	16.6	14.4	14.9
50160	17.8	14.3	15.7
50161	19.0	17.4	17.9
50162	18.7	15.7	15.0
n	12	12	12
Mean	17.37	15.49	16.21
S.D.	1.63	1.18	1.40

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50251	14.9	14.6	14.5
50252	14.3	14.5	15.0
50253	18.6	15.8	16.7
50254	16.4	14.5	15.4
50255	14.4	15.0	16.5
50256	18.5	17.0	15.8
50257	16.5	15.9	16.1
50258	18.5	16.5	16.5
50259	15.6	16.3	16.9
50260	18.9	17.7	19.5
50261	14.0	12.9	14.3
50262	14.9	17.0	15.4
n	12	12	12
Mean	16.29	15.64	16.05
S.D.	1.89	1.38	1.38

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50351	16.4	15.8	15.4
50352	16.4	14.4	15.6
50353	15.3	16.3	17.5
50354	20.4	18.3	20.4
50355	16.5	16.3	15.6
50356	16.9	15.3	15.1
50357	20.8	16.8	16.3
50358	19.0	17.2	17.1
50359	15.5	15.1	15.5
50360	17.1	14.1	15.3
50361	17.3	15.7	17.3
50362	22.0	21.9	17.5
n	12	12	12
Mean	17.80	16.43	16.55
S.D.	2.21	2.08	1.52

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50451	16.8	15.0	15.2
50452	17.6	14.7	12.1
50453	15.9	14.9	16.0
50454	16.5	15.7	15.9
50455	16.3	17.4	14.8
50456	21.5	19.4	19.7
50457	12.9	13.3	14.9
50458	19.8	17.2	17.0
50459	19.7	16.0	17.4
50460	17.0	13.9	13.7
50461	18.0	18.5	21.0
50462	12.8	17.0	15.1
n	12	12	12
Mean	17.07	16.08	16.07
S.D.	2.58	1.85	2.45

Food consumption of animal No. 50461 were 17.7, 18.1, and 18.4 g on Days 35, 42, and 49, respectively.

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50151	20.3	26.3	26.3
50152	19.6	20.7	21.4
50153	20.3	20.8	19.6
50154	20.3	21.6	20.7
50155	22.2	24.0	24.3
50156	20.8	23.4	23.8
50157	18.2	20.2	23.2
50158	22.9	27.4	25.3
50159	22.2	21.8	22.9
50160	20.9	23.8	26.7
50161	23.7	29.1	29.1
50162	17.2	19.7	19.6
n	12	12	12
Mean	20.72	23.23	23.58
S.D.	1.87	3.03	2.96

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50251	17.0	21.9	23.2
50252	18.3	20.4	21.6
50253	21.8	24.8	25.4
50254	20.8	20.5	21.7
50255	20.0	22.6	23.7
50256	22.6	24.3	24.7
50257	24.1	25.8	25.6
50258	22.9	24.2	23.2
50259	17.9	18.0	18.3
50260	20.7	22.4	20.4
50261	21.0	24.2	23.7
50262	19.6	22.7	20.3
n	12	12	12
Mean	20.56	22.65	22.65
S.D.	2.13	2.22	2.23

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50351	22.7	23.4	21.8
50352	19.0	20.9	19.8
50353	21.1	21.3	22.0
50354	24.4	27.4	24.2
50355	20.2	22.9	21.8
50356	21.2	22.4	22.0
50357	20.0	22.0	22.1
50358	19.2	22.5	23.3
50359	18.1	20.4	20.9
50360	23.0	24.2	26.2
50361	21.3	23.5	20.5
50362	23.3	26.1	22.5
n	12	12	12
Mean	21.13	23.08	22.26
S.D.	1.93	2.05	1.71

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50451	20.9	23.7	23.1
50452	20.6	26.4	21.2
50453	21.4	23.2	23.0
50454	20.1	22.1	21.1
50455	20.7 $	21.2 $	15.9 $
50456	23.6	24.9	23.4
50457	22.8	25.6	24.1
50458	21.0	22.9	23.4
50459	22.1	27.9	26.6
50460	22.9	24.2	24.7
50462	22.7	24.5	21.0
n	10	10	10
Mean	21.81	24.54	23.16
S.D.	1.17	1.74	1.76

$: Excepted data from calculation (non-pregnancy)

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50151	26.5	38.5	50.3
50152	29.3	37.3	51.7
50153	25.6	39.3	56.1
50154	26.8	43.1	50.7
50155	29.7	41.1	52.1
50156	26.5	41.3	53.7
50157	33.5	40.5	52.8
50158	32.5	46.0	53.1
50159	32.6	49.3	64.9
50160	33.3	44.4	58.8
50161	20.5	34.7	46.2
50162	29.8	37.6	49.4
n	12	12	12
Mean	28.88	41.09	53.32
S.D.	3.89	4.09	4.85

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50251	29.7	38.8	51.4
50252	29.9	38.4	51.6
50253	28.1	35.6	50.2
50254	31.5	40.3	52.5
50255	32.8	38.3	54.1
50256	34.0	44.5	57.1
50257	30.4	38.7	45.6
50258	26.8	31.4	42.3
50259	29.3	41.3	47.8
50260	24.6	30.6	46.1
50261	27.0	39.0	52.3
50262	26.7	36.9	50.6
n	12	12	12
Mean	29.23	37.82	50.13
S.D.	2.74	3.88	4.07

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50351	31.6	40.4	60.2
50352	31.1	44.7	57.5
50353	32.0	42.8	56.6
50354	25.5	40.3	53.9
50355	33.7	43.5	51.4
50356	24.0	36.3	50.7
50357	22.4	38.0	48.6
50358	28.6	43.4	52.1
50359	27.9	38.1	50.0
50360	31.6	45.6	62.0
50361	30.0	45.1	54.1
50362	25.6	35.5	48.9
n	12	12	12
Mean	28.67	41.14	53.83
S.D.	3.60	3.53	4.41

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50451	30.3	41.8	60.0
50452	27.4	38.8	50.8
50453	32.4	41.9	49.9
50454	18.5	21.8	24.2
50456	31.2	38.3	53.0
50457	32.0	45.5	57.1
50458	35.0	47.4	58.9
50459	33.6	38.0	52.7
50460	36.0	44.6	57.4
50462	36.9	43.8	58.7
n	10	10	10
Mean	31.33	40.19	52.27
S.D.	5.31	7.20	10.49

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

Animal No.	/Day 4	7	14	21	28
50551	15.1	16.4	15.0	14.3	15.7
50552	15.0	17.0	15.1	14.5	15.5
50553	15.7	15.3	16.9	15.2	15.4
50554	16.2	13.1	16.6	16.5	15.7
50555	19.6	17.4	16.6	16.8	18.2
50556	21.7	19.9	18.9	15.3	15.1
50557	13.9	14.3	14.9	13.7	13.6
50558	15.5	14.3	14.7	15.6	14.9
50559	16.9	14.3	17.3	16.7	15.8
50560	17.8	19.0	18.4	17.6	15.9
n	10	10	10	10	10
Mean	16.74	16.10	16.44	15.62	15.58
S.D.	2.37	2.23	1.50	1.26	1.14

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

Animal No.	/Day 4	7	14	21	28
50651	15.9	14.1	13.1	12.8	13.9
50652	17.9	16.7	17.9	18.8	19.9
50653	16.4	15.9	15.6	14.5	16.3
50654	18.1	17.5	19.3	17.9	17.4
50655	19.5	19.7	19.7	18.1	20.1
50656	16.4	15.4	15.8	14.3	13.1
50657	14.7	12.5	12.3	14.5	15.0
50658	18.1	19.3	20.4	18.7	20.8
50659	18.7	16.7	21.8	19.2	14.1
50660	15.7	14.1	14.7	15.4	14.2
n	10	10	10	10	10
Mean	17.14	16.19	17.06	16.42	16.48
S.D.	1.53	2.29	3.23	2.35	2.90

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

Animal No.	/Day 7	14
10105	27.2	26.8
10106	25.3	25.7
10107	24.2	23.8
10108	24.6	27.7
10111	27.5	26.9
n	5	5
Mean	25.76	26.18
S.D.	1.51	1.51

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

Animal No.	/Day 7	14
10401	29.1	28.4
10402	27.1	26.7
10406	25.7	26.2
10409	27.1	27.1
10412	29.0	28.4
n	5	5
Mean	27.60	27.36
S.D.	1.44	1.00

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

Animal No.	/Day 7	14
50556	21.9	18.9
50557	17.6	17.3
50558	19.6	18.4
50559	18.9	19.8
50560	22.3	23.2
n	5	5
Mean	20.06	19.52
S.D.	2.00	2.25

Food consumption
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : Ethylhexyl palmitate 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
50656	16.1	18.2
50657	17.4	17.5
50658	23.8	21.3
50659	22.8	26.7
50660	18.6	19.6
n	5	5
Mean	19.74	20.66
S.D.	3.39	3.68

Urinary findings
Sex : Male

Stage : Week 4
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10105	8.5	-	-	0.1	-	-	A	+
10106	8.5	-	-	0.1	-	-	A	+
10107	7.5	-	-	0.1	-	-	A	2+
10108	8.5	-	-	0.1	-	-	A	±
10111	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

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

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

Animal No.	Urine volume mL/21hr
10105	7.0
10106	8.5
10107	5.5
10108	13.0
10111	9.5
n	5
Mean	8.70
S.D.	2.84

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

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10105	5	-	-	-	-	-	-
10106	5	-	-	±	-	-	-
10107	5	-	-	±	-	-	-
10108	4	-	-	-	-	-	-
10111	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10202	8.5	-	-	0.1	-	-	A	+
10206	8.0	-	-	0.1	-	-	A	±
10207	8.5	-	-	0.1	-	-	A	2+
10210	8.5	-	-	0.1	-	-	A	2+
10212	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

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

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

Animal No.	Urine volume mL/21hr
10202	19.0
10206	24.5
10207	7.5
10210	6.5
10212	29.0
n	5
Mean	17.30
S.D.	10.05

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

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10202	3	-	-	-	-	-	-
10206	2	-	-	-	-	-	-
10207	5	-	-	-	-	-	-
10210	5	-	-	-	-	-	-
10212	2	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10305	6.5	-	-	0.1	-	-	A	2+
10307	8.5	-	-	0.1	-	-	A	±
10308	8.5	-	-	0.1	-	-	A	+
10309	8.0	-	-	0.1	-	-	A	+
10312	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

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

Urinary findings
Sex : Male

Stage : Week 4
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	Urine volume mL/21hr
10305	8.0
10307	11.5
10308	8.5
10309	7.5
10312	8.5
n	5
Mean	8.80
S.D.	1.57

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

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10305	5	-	-	-	-	-	-
10307	4	-	-	-	-	-	-
10308	5	-	-	-	-	-	-
10309	5	-	-	-	-	-	-
10312	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen	Bilirubin	Occult blood	Color	Protein
				EU/dL				
10401	8.5	-	-	0.1	-	-	A	2+
10402	8.5	-	-	0.1	-	-	A	+
10406	8.5	-	-	0.1	-	±	A	±
10409	8.5	-	-	0.1	-	-	A	±
10412	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

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

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

Animal No.	Urine volume mL/21hr
10401	8.5
10402	11.5
10406	10.0
10409	17.5
10412	7.5
n	5
Mean	11.00
S.D.	3.94

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

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10401	5	-	-	-	-	-	-
10402	5	-	-	-	-	-	-
10406	5	-	-	-	-	-	-
10409	4	-	-	-	-	-	-
10412	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

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

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.0	-	-	0.1	-	-	A	+
50557	8.5	-	-	0.1	-	-	A	-
50558	8.0	-	-	0.1	-	-	A	-
50559	8.5	-	-	0.1	-	-	A	+
50560	7.0	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

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

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

Animal No.	Urine volume mL/21hr
50556	7.5
50557	7.0
50558	16.5
50559	6.0
50560	10.5
n	5
Mean	9.50
S.D.	4.26

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

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50556	3	-	-	-	-	-	-
50557	4	-	-	-	-	-	-
50558	3	-	-	-	-	-	-
50559	5	-	-	-	-	-	-
50560	3	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)

Stage : Week 4
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	6.5	-	-	0.1	-	-	A	2+
50657	8.0	-	-	0.1	-	-	A	±
50658	6.5	-	-	0.1	-	-	A	2+
50659	6.0	-	-	0.1	-	-	A	2+
50660	8.0	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

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

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

Animal No.	Urine volume mL/21hr
50656	7.0
50657	8.5
50658	19.5
50659	3.0
50660	10.5
n	5
Mean	9.70
S.D.	6.13

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

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50656	5	-	-	-	-	-	-
50657	4	-	-	-	-	-	-
50658	3	-	±	-	-	-	-
50659	5	-	-	-	-	-	-
50660	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Recovery week 2
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10105	8.5	-	-	0.1	-	-	A	2+
10106	8.5	-	-	0.1	-	-	A	2+
10107	8.5	-	-	0.1	-	-	A	2+
10108	8.5	-	-	0.1	-	±	A	+
10111	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

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

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10105	10.0
10106	7.5
10107	7.5
10108	23.0
10111	11.5
n	5
Mean	11.90
S.D.	6.44

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10105	5	-	-	-	-	-	-
10106	5	-	-	-	-	-	-
10107	5	-	-	-	-	-	-
10108	3	-	-	-	-	-	-
10111	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Recovery week 2
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10401	8.5	-	-	0.1	-	-	A	2+
10402	8.5	-	-	0.1	-	-	A	+
10406	8.5	-	-	0.1	-	-	A	2+
10409	8.5	-	-	0.1	-	-	A	+
10412	8.5	-	-	0.1	-	-	A	2+
n	5	5	5	5	5	5	5	5

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

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10401	11.0
10402	12.5
10406	9.5
10409	17.5
10412	10.0
n	5
Mean	12.10
S.D.	3.23

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10401	5	-	-	-	-	-	-
10402	4	-	-	-	-	-	-
10406	5	-	-	-	-	-	-
10409	4	-	-	-	-	-	-
10412	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.5	-	-	0.1	-	-	A	±
50557	8.5	-	-	0.1	-	-	A	+
50558	8.5	-	-	0.1	-	±	A	±
50559	8.5	-	-	0.1	-	-	A	+
50560	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

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

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	9.0
50557	10.0
50558	14.5
50559	11.5
50560	22.5
n	5
Mean	13.50
S.D.	5.44

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50556	4	-	-	-	-	-	-
50557	4	-	-	±	-	-	-
50558	3	-	-	-	-	-	-
50559	4	-	-	±	-	-	-
50560	3	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	8.5	-	-	0.1	-	-	A	+
50657	8.5	-	-	0.1	-	-	A	+
50658	8.0	-	-	0.1	-	-	A	+
50659	8.5	-	-	0.1	-	-	A	+
50660	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

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

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	10.0
50657	5.0
50658	17.0
50659	21.0
50660	8.5
n	5
Mean	12.30
S.D.	6.53

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50656	4	-	-	±	-	-	-
50657	5	-	-	-	-	-	-
50658	3	-	-	-	-	-	-
50659	3	-	-	-	-	-	-
50660	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Hematological findings
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10101	909	16.0	43.3	47.6	17.6	37.0	3.78	123.7	95.2	18.3	71.6
10102	892	16.2	45.1	50.6	18.2	35.9	2.60	89.6	65.6	17.0	46.2
10103	823	15.0	42.8	52.0	18.2	35.0	3.28	80.8	65.7	14.5	48.0
10104	919	16.4	45.7	49.7	17.8	35.9	3.57	134.9	118.1	40.9	67.9
10109	875	16.1	45.1	51.5	18.4	35.7	3.64	93.9	77.3	14.1	58.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	883.6	15.94	44.40	50.28	18.04	35.90	3.374	104.58	84.38	20.96	58.50
S.D.	37.8	0.55	1.27	1.74	0.33	0.72	0.470	23.39	22.39	11.28	11.42

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10101	3.8	1.5	0.0	18.3	19.7
10102	1.5	0.9	0.0	17.2	16.8
10103	2.0	1.2	0.0	19.6	18.1
10104	8.5	0.7	0.1	15.3	18.7
10109	3.5	0.9	0.0	17.2	18.9
n	5	5	5	5	5
Mean	3.86	1.04	0.02	17.52	18.44
S.D.	2.77	0.31	0.04	1.59	1.08

Hematological findings
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10201	825	15.2	41.2	49.9	18.4	36.9	3.85	97.4	98.1	19.3	74.1
10203	880	16.1	44.7	50.8	18.3	36.0	3.32	106.4	60.7	16.1	42.1
10204	847	15.7	43.3	51.1	18.5	36.3	3.12	91.2	100.7	18.7	77.6
10205	845	15.7	43.2	51.1	18.6	36.3	2.80	111.0	91.5	16.9	69.7
10208	956	17.2	48.6	50.8	18.0	35.4	3.70	99.2	73.1	16.1	50.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	870.6	15.98	44.20	50.74	18.36	36.18	3.358	101.04	84.82	17.42	62.74
S.D.	51.7	0.75	2.76	0.49	0.23	0.54	0.427	7.77	17.26	1.49	15.67

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10201	3.7	1.0	0.0	17.0	19.4
10203	1.0	1.5	0.0	15.9	15.6
10204	3.1	1.3	0.0	22.7	21.9
10205	3.1	1.7	0.1	18.2	18.5
10208	5.7	1.1	0.0	16.7	19.1
n	5	5	5	5	5
Mean	3.32	1.32	0.02	18.10	18.90
S.D.	1.68	0.29	0.04	2.70	2.25

Hematological findings Stage : Day 29
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10301	869	15.3	42.0	48.3	17.6	36.4	3.76	113.8	90.8	16.2	71.1
10302	802	15.4	42.2	52.6	19.2	36.5	3.75	120.9	94.9	21.7	67.0
10303	872	16.2	44.5	51.0	18.6	36.4	3.40	101.0	107.3	19.6	82.7
10304	874	15.8	44.0	50.3	18.1	35.9	3.96	117.7	84.6	21.1	57.0
10306	906	16.7	46.3	51.1	18.4	36.1	3.30	96.4	66.6	28.1	34.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	864.6	15.88	43.80	50.66	18.38	36.26	3.634	109.96	88.84	21.34	62.50
S.D.	38.1	0.58	1.77	1.56	0.59	0.25	0.275	10.71	14.95	4.34	18.06

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10301	2.6	0.8	0.1	16.7	16.7
10302	5.2	0.9	0.1	16.8	16.9
10303	3.7	1.2	0.1	18.6	19.4
10304	4.7	1.7	0.1	16.9	18.0
10306	3.0	0.8	0.0	19.4	18.9
n	5	5	5	5	5
Mean	3.84	1.08	0.08	17.68	17.98
S.D.	1.10	0.38	0.04	1.24	1.19

Hematological findings Stage : Day 29
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10403	875	15.3	42.8	48.9	17.5	35.7	3.82	107.0	69.0	10.9	54.7
10404	831	15.1	43.2	52.0	18.2	35.0	3.44	61.0	61.0	12.0	44.8
10405	888	16.5	45.5	51.2	18.6	36.3	4.05	93.3	87.6	28.2	55.4
10407	879	16.0	44.1	50.2	18.2	36.3	4.36	90.0	94.5	22.2	64.7
10408	864	15.6	43.0	49.8	18.1	36.3	3.19	99.1	122.4	19.8	95.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	867.4	15.70	43.72	50.42	18.12	35.92	3.772	90.08	86.90	18.62	62.92
S.D.	22.1	0.56	1.11	1.21	0.40	0.58	0.468	17.49	24.03	7.24	19.27

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10403	2.6	0.7	0.1	17.1	19.2
10404	2.9	1.3	0.0	20.8	17.2
10405	2.5	1.5	0.0	16.1	16.5
10407	6.7	0.8	0.1	17.4	17.6
10408	5.9	1.6	0.1	18.7	21.4
n	5	5	5	5	5
Mean	4.12	1.18	0.06	18.02	18.38
S.D.	2.02	0.41	0.05	1.81	1.96

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50151	793	15.5	42.4	53.5	19.5	36.6	5.04	110.6	112.0	38.3	71.0
50152	728	14.7	40.9	56.2	20.2	35.9	4.52	128.7	109.5	57.1	47.1
50154	800	15.8	43.0	53.8	19.8	36.7	4.60	107.8	114.7	66.1	44.4
50157	796	15.8	43.6	54.8	19.8	36.2	5.42	101.3	90.4	44.0	40.5
50160	789	15.2	42.1	53.4	19.3	36.1	4.17	132.5	77.2	31.3	40.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	781.2	15.40	42.40	54.34	19.72	36.30	4.750	116.18	100.76	47.36	48.62
S.D.	30.0	0.46	1.02	1.18	0.34	0.34	0.486	13.66	16.27	14.12	12.84

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50151	2.2	0.4	0.1	18.3	13.0
50152	4.5	0.8	0.0	16.8	11.9
50154	3.5	0.7	0.0	17.7	13.1
50157	5.6	0.3	0.0	16.7	14.2
50160	4.8	1.0	0.0	17.2	14.0
n	5	5	5	5	5
Mean	4.12	0.64	0.02	17.34	13.24
S.D.	1.31	0.29	0.04	0.67	0.92

Hematological findings
Sex : Female
Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50253	777	14.8	40.7	52.4	19.0	36.4	3.73	107.6	84.2	32.0	48.2
50254	794	16.4	45.3	57.1	20.7	36.2	4.77	100.5	92.8	36.3	51.2
50255	789	16.0	45.3	57.4	20.3	35.3	4.50	97.4	88.0	37.5	43.8
50259	811	15.3	43.0	53.0	18.9	35.6	3.78	109.7	76.5	42.7	30.9
50262	840	15.8	42.3	50.4	18.8	37.4	4.74	113.4	70.3	29.5	36.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	802.2	15.66	43.32	54.06	19.54	36.18	4.304	105.72	82.36	35.60	42.04
S.D.	24.4	0.62	1.99	3.07	0.89	0.81	0.512	6.61	9.00	5.12	8.43

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50253	2.9	1.1	0.0	16.5	13.1
50254	4.2	1.1	0.0	17.2	12.5
50255	5.5	1.1	0.1	16.6	13.4
50259	1.9	1.0	0.0	16.1	13.5
50262	3.7	1.0	0.0	17.8	13.2
n	5	5	5	5	5
Mean	3.64	1.06	0.02	16.84	13.14
S.D.	1.36	0.05	0.04	0.67	0.39

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50353	742	15.2	43.3	58.4	20.5	35.1	8.67	116.0	134.1	54.4	72.8
50356	719	15.2	42.7	59.4	21.1	35.6	4.83	120.2	124.8	32.3	86.7
50357	800	15.0	41.5	51.9	18.8	36.1	5.35	128.6	97.8	45.4	49.8
50359	801	16.1	45.2	56.4	20.1	35.6	5.71	96.7	93.5	45.3	43.5
50361	812	16.2	45.3	55.8	20.0	35.8	4.35	121.4	92.2	36.7	53.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	774.8	15.54	43.60	56.38	20.10	35.64	5.782	116.58	108.48	42.82	61.18
S.D.	41.5	0.56	1.64	2.90	0.85	0.36	1.695	12.00	19.53	8.59	17.98

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50353	6.2	0.6	0.1	17.0	12.8
50356	4.8	1.0	0.0	17.0	12.6
50357	2.4	0.2	0.0	17.0	14.1
50359	3.7	1.0	0.0	17.5	13.7
50361	0.9	1.5	0.0	17.7	15.6
n	5	5	5	5	5
Mean	3.60	0.86	0.02	17.24	13.76
S.D.	2.06	0.49	0.04	0.34	1.20

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50451	759	15.3	42.2	55.6	20.2	36.3	5.57	122.1	104.0	51.8	48.0
50452	810	16.2	45.3	55.9	20.0	35.8	5.04	87.6	85.3	38.6	42.9
50453	760	14.8	41.1	54.1	19.5	36.0	4.76	122.7	107.5	43.0	57.6
50454	847	15.4	43.0	50.8	18.2	35.8	3.01	101.6	82.8	17.0	59.4
50458	794	15.5	41.9	52.8	19.5	37.0	4.78	93.5	85.4	50.5	34.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	794.0	15.44	42.70	53.84	19.48	36.18	4.632	105.50	93.00	40.18	48.38
S.D.	36.9	0.50	1.60	2.11	0.78	0.50	0.964	16.21	11.75	14.05	10.53

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50451	3.6	0.5	0.1	17.6	14.4
50452	2.7	1.1	0.0	16.9	13.5
50453	6.5	0.4	0.0	18.3	12.8
50454	5.4	0.9	0.1	17.0	12.7
50458	0.4	0.5	0.0	17.1	15.1
n	5	5	5	5	5
Mean	3.72	0.68	0.04	17.38	13.70
S.D.	2.38	0.30	0.05	0.58	1.04

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50551	795	15.1	42.5	53.5	19.0	35.5	3.14	93.0	59.5	5.6	50.4
50552	860	15.8	43.0	50.0	18.4	36.7	2.65	113.4	68.8	11.5	53.4
50553	802	14.8	40.7	50.7	18.5	36.4	2.62	101.0	71.2	6.0	62.9
50554	830	15.5	42.7	51.4	18.7	36.3	2.75	74.5	43.6	10.8	31.2
50555	801	15.0	41.2	51.4	18.7	36.4	2.69	93.4	36.6	7.3	27.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	817.6	15.24	42.02	51.40	18.66	36.26	2.770	95.06	55.94	8.24	44.98
S.D.	27.3	0.40	1.01	1.31	0.23	0.45	0.212	14.15	15.31	2.74	15.29

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50551	2.4	1.1	0.0	15.6	13.9
50552	3.2	0.7	0.0	16.3	13.1
50553	1.3	1.0	0.0	17.5	13.0
50554	1.0	0.6	0.0	16.9	15.3
50555	1.5	0.8	0.0	16.3	15.3
n	5	5	5	5	5
Mean	1.88	0.84	0.00	16.52	14.12
S.D.	0.90	0.21	0.00	0.72	1.13

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50651	844	15.0	41.9	49.6	17.8	35.8	3.26	104.0	44.4	8.4	33.2
50652	783	14.7	40.7	52.0	18.8	36.1	3.32	86.6	75.3	23.6	49.6
50653	828	15.5	43.3	52.3	18.7	35.8	3.87	78.6	58.5	14.0	41.1
50654	790	15.3	42.6	53.9	19.4	35.9	3.44	67.6	48.8	6.8	38.1
50655	817	14.7	40.4	49.4	18.0	36.4	3.66	99.2	76.2	15.9	57.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	812.4	15.04	41.78	51.44	18.54	36.00	3.510	87.20	60.64	13.74	43.82
S.D.	25.6	0.36	1.23	1.91	0.65	0.25	0.253	14.87	14.71	6.68	9.52

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50651	2.3	0.5	0.0	15.0	15.0
50652	1.8	0.3	0.0	16.7	13.7
50653	2.3	1.1	0.0	16.3	12.8
50654	2.9	1.0	0.0	16.6	15.5
50655	2.4	0.8	0.0	15.4	17.9
n	5	5	5	5	5
Mean	2.34	0.74	0.00	16.00	14.98
S.D.	0.39	0.34	0.00	0.76	1.95

Hematological findings
Sex : Male

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10105	914	16.7	45.4	49.7	18.3	36.8	2.92	80.3	93.2	24.0	63.6
10106	960	16.0	43.0	44.8	16.7	37.2	2.33	117.3	107.9	25.1	76.5
10107	863	16.2	44.8	51.9	18.8	36.2	2.89	104.8	49.5	10.2	37.2
10108	956	15.8	43.2	45.2	16.5	36.6	2.47	130.6	86.7	17.8	63.8
10111	908	16.4	45.5	50.1	18.1	36.0	2.35	92.2	57.2	13.7	37.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	920.2	16.22	44.38	48.34	17.68	36.56	2.592	105.04	78.90	18.16	55.62
S.D.	39.8	0.35	1.20	3.16	1.02	0.48	0.291	19.88	24.71	6.44	17.70

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10105	4.4	1.2	0.0	20.7	19.5
10106	5.2	1.1	0.0	22.1	17.7
10107	1.4	0.7	0.0	17.3	18.4
10108	3.2	1.9	0.0	20.4	20.5
10111	5.8	0.7	0.0	20.8	19.4
n	5	5	5	5	5
Mean	4.00	1.12	0.00	20.26	19.10
S.D.	1.75	0.49	0.00	1.78	1.08

Hematological findings
Sex : Male

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10401	876	14.9	41.3	47.1	17.0	36.1	2.84	112.3	52.9	12.0	35.7
10402	941	15.7	43.3	46.0	16.7	36.3	2.47	96.8	64.8	8.7	50.3
10406	890	15.6	42.9	48.2	17.5	36.4	2.57	89.5	73.3	19.3	47.9
10409	917	16.6	45.2	49.3	18.1	36.7	3.26	102.7	101.4	24.2	69.9
10412	865	14.5	40.3	46.6	16.8	36.0	3.55	116.2	90.5	14.8	70.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	897.8	15.46	42.60	47.44	17.22	36.30	2.938	103.50	76.58	15.80	54.76
S.D.	31.0	0.81	1.89	1.32	0.58	0.27	0.459	10.96	19.49	6.10	14.93

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10401	3.9	1.3	0.0	18.6	15.7
10402	4.8	1.0	0.0	19.4	19.0
10406	5.5	0.6	0.0	17.0	17.4
10409	6.1	1.1	0.1	16.8	16.9
10412	3.7	2.0	0.0	19.6	19.3
n	5	5	5	5	5
Mean	4.80	1.20	0.02	18.28	17.66
S.D.	1.02	0.51	0.04	1.32	1.50

Hematological findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50556	804	14.8	40.6	50.5	18.4	36.5	3.83	107.4	38.9	8.5	25.2
50557	825	15.5	42.4	51.4	18.8	36.6	2.71	111.6	82.3	25.3	52.4
50558	845	16.3	45.3	53.6	19.3	36.0	3.06	124.5	48.3	7.7	36.9
50559	907	16.7	45.6	50.3	18.4	36.6	3.09	121.2	40.3	10.7	27.4
50560	778	15.5	43.7	56.2	19.9	35.5	3.76	72.3	34.9	7.4	25.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	831.8	15.76	43.52	52.40	18.96	36.24	3.290	107.40	48.94	11.92	33.42
S.D.	48.8	0.75	2.08	2.49	0.64	0.48	0.485	20.81	19.27	7.59	11.66

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50556	1.9	3.3	0.0	16.9	11.6
50557	3.1	1.5	0.0	16.7	12.3
50558	2.3	1.4	0.0	17.8	14.3
50559	1.8	0.4	0.0	18.4	11.7
50560	1.5	0.8	0.0	16.2	13.1
n	5	5	5	5	5
Mean	2.12	1.48	0.00	17.20	12.60
S.D.	0.62	1.11	0.00	0.89	1.12

Hematological findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50656	801	14.5	40.1	50.1	18.1	36.2	3.47	109.1	55.6	11.7	42.6
50657	810	15.7	42.7	52.7	19.4	36.8	2.79	107.3	74.5	9.8	59.9
50658	860	15.6	43.3	50.3	18.1	36.0	2.31	95.5	77.0	21.7	47.6
50659	829	15.9	45.1	54.4	19.2	35.3	4.38	104.7	66.7	9.1	52.4
50660	880	16.1	44.4	50.5	18.3	36.3	2.60	108.5	39.1	7.0	28.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	836.0	15.56	43.12	51.60	18.62	36.12	3.110	105.02	62.58	11.86	46.18
S.D.	33.4	0.62	1.93	1.88	0.63	0.54	0.828	5.58	15.55	5.75	11.81

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50656	0.5	0.8	0.0	15.5	12.3
50657	3.8	0.9	0.1	16.6	13.3
50658	5.8	1.9	0.0	17.1	13.0
50659	3.5	1.7	0.0	17.3	13.6
50660	2.6	1.1	0.0	17.6	13.4
n	5	5	5	5	5
Mean	3.24	1.28	0.02	16.82	13.12
S.D.	1.93	0.49	0.04	0.82	0.51

Biochemical findings Stage : Day 29
Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10101	50	26	351	0.6	0.06	6.2	145	54	17	5.8	12.4
10102	60	27	375	0.7	0.06	6.5	160	60	36	5.4	12.6
10103	61	28	479	0.5	0.06	8.5	181	36	17	4.9	14.4
10104	285	141	517	1.2	0.12	95.8	153	89	79	6.3	13.3
10109	65	32	439	0.7	0.05	10.8	153	46	16	5.6	10.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	104.2	50.8	432.2	0.74	0.070	25.56	158.4	57.0	33.0	5.60	12.66
S.D.	101.2	50.5	69.4	0.27	0.028	39.31	13.7	20.0	27.0	0.51	1.39

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10101	0.37	144	4.48	104	9.3	5.6	0.88	2.72	46.9	24.5	8.8
10102	0.35	146	4.44	106	8.9	5.4	0.93	2.60	48.2	19.4	9.9
10103	0.34	145	4.82	107	8.9	5.9	0.91	2.33	47.6	22.1	9.7
10104	0.28	146	4.75	104	10.4	6.7	0.75	2.69	42.7	24.4	11.1
10109	0.29	145	4.81	106	9.5	6.2	0.93	2.70	48.2	21.8	10.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.326	145.2	4.660	105.4	9.40	5.96	0.880	2.608	46.72	22.44	9.92
S.D.	0.039	0.8	0.185	1.3	0.62	0.51	0.075	0.162	2.31	2.11	0.83

Animal No.	β-G %	γ-G %
10101	15.0	4.8
10102	16.8	5.7
10103	16.3	4.3
10104	18.3	3.5
10109	16.3	3.6
n	5	5
Mean	16.54	4.38
S.D.	1.19	0.91

Biochemical findings Stage : Day 29
Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10201	56	27	456	0.5	0.08	9.9	164	57	42	5.5	14.9
10203	164	61	697	0.8	0.08	41.3	177	65	15	5.4	13.2
10204	67	30	289	0.8	0.05	5.8	175	46	36	5.2	10.7
10205	74	28	343	0.8	0.05	11.3	141	59	23	5.6	12.8
10208	70	37	622	0.4	0.06	10.7	156	58	42	6.0	11.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	86.2	36.6	481.4	0.66	0.064	15.80	162.6	57.0	31.6	5.54	12.70
S.D.	44.0	14.2	175.4	0.19	0.015	14.42	14.8	6.9	12.1	0.30	1.56

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10201	0.36	144	4.54	104	9.3	6.5	0.88	2.58	46.9	24.4	9.9
10203	0.36	145	4.69	106	9.1	6.2	0.89	2.55	47.2	22.0	9.6
10204	0.27	145	4.94	106	8.9	5.7	0.91	2.48	47.6	22.0	9.9
10205	0.33	146	4.97	106	9.2	6.5	0.95	2.73	48.8	22.4	9.6
10208	0.27	145	4.69	105	10.0	6.7	0.78	2.63	43.8	25.4	10.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.318	145.0	4.766	105.4	9.30	6.32	0.882	2.594	46.86	23.24	9.84
S.D.	0.045	0.7	0.183	0.9	0.42	0.39	0.063	0.093	1.86	1.56	0.25

Animal No.	β-G %	γ-G %
10201	15.7	3.1
10203	17.3	3.9
10204	16.1	4.4
10205	15.3	3.9
10208	16.3	4.3
n	5	5
Mean	16.14	3.92
S.D.	0.75	0.51

Biochemical findings Stage : Day 29
Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10301	60	30	348	0.6	0.06	7.8	149	69	67	5.6	12.8
10302	78	24	350	0.7	0.05	12.9	177	87	41	5.6	13.1
10303	63	24	318	0.7	0.06	11.4	153	77	51	5.7	10.3
10304	64	31	338	0.7	0.07	16.7	153	70	35	5.6	10.4
10306	87	35	437	0.7	0.06	16.2	154	59	38	5.6	10.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	70.4	28.8	358.2	0.68	0.060	13.00	157.2	72.4	46.4	5.62	11.36
S.D.	11.6	4.8	45.8	0.04	0.007	3.66	11.2	10.4	13.0	0.04	1.46

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10301	0.35	143	4.75	104	9.3	5.7	0.94	2.72	48.5	20.9	9.8
10302	0.32	144	4.73	104	9.7	6.8	0.78	2.46	43.9	23.2	10.7
10303	0.25	146	4.60	107	9.6	5.8	0.78	2.49	43.7	24.2	10.0
10304	0.24	142	4.91	106	9.7	6.4	0.81	2.50	44.6	25.6	9.1
10306	0.24	143	5.01	104	9.3	6.9	0.87	2.60	46.4	25.9	9.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.280	143.6	4.800	105.0	9.52	6.32	0.836	2.554	45.42	23.96	9.78
S.D.	0.051	1.5	0.161	1.4	0.20	0.55	0.069	0.107	2.02	2.03	0.63

Animal No.	β-G %	γ-G %
10301	16.4	4.4
10302	16.8	5.4
10303	17.1	5.0
10304	16.5	4.2
10306	14.6	3.8
n	5	5
Mean	16.28	4.56
S.D.	0.98	0.64

Biochemical findings Stage : Day 29
Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10403	58	31	396	0.6	0.06	7.7	136	60	28	5.4	11.9
10404	64	26	497	0.6	0.06	9.0	193	56	35	5.2	10.3
10405	70	37	387	0.7	0.06	11.4	143	76	57	5.7	10.7
10407	78	35	303	0.7	0.05	16.5	141	70	30	5.9	10.6
10408	71	34	450	0.8	0.04	24.9	142	43	15	5.2	9.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	68.2	32.6	406.6	0.68	0.054	13.90	151.0	61.0	33.0	5.48	10.68
S.D.	7.6	4.3	72.9	0.08	0.009	7.01	23.6	12.8	15.3	0.31	0.75

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10403	0.31	143	4.72	103	9.3	6.0	0.95	2.64	48.8	23.0	9.5
10404	0.32	145	4.85	105	8.9	6.1	0.90	2.46	47.4	21.6	9.9
10405	0.31	145	5.02	106	9.6	6.1	0.88	2.67	46.8	19.9	10.2
10407	0.29	145	4.37	103	9.5	6.8	0.85	2.71	45.9	22.8	10.3
10408	0.25	147	4.72	107	9.0	6.9	0.88	2.44	46.9	22.7	9.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.296	145.0	4.736	104.8	9.26	6.38	0.892	2.584	47.16	22.00	9.96
S.D.	0.028	1.4	0.239	1.8	0.30	0.43	0.037	0.125	1.06	1.29	0.31

Animal No.	β-G %	γ-G %
10403	15.1	3.6
10404	15.6	5.5
10405	18.1	5.0
10407	16.2	4.8
10408	15.2	5.3
n	5	5
Mean	16.04	4.84
S.D.	1.23	0.74

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50151	118	88	442	1.2	0.05	11.1	154	99	68	6.0	23.5
50152	123	78	437	4.5	0.04	38.2	148	117	60	6.2	22.4
50154	135	79	351	1.0	0.03	36.8	134	96	98	6.2	25.0
50157	125	67	511	0.6	0.04	18.8	123	96	55	6.0	21.8
50160	93	72	336	1.1	0.05	16.8	139	126	36	5.9	23.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	118.8	76.8	415.4	1.68	0.042	24.34	139.6	106.8	63.4	6.06	23.18
S.D.	15.7	7.9	72.1	1.59	0.008	12.35	12.1	13.8	22.6	0.13	1.22

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50151	0.34	138	4.23	97	9.9	9.1	1.03	3.05	50.8	18.3	10.9
50152	0.42	141	3.86	98	9.9	8.4	0.96	3.03	48.9	18.0	9.9
50154	0.45	135	4.24	96	10.2	9.9	0.92	2.98	48.0	22.8	10.4
50157	0.35	139	3.78	97	9.7	7.2	0.88	2.80	46.7	19.0	11.4
50160	0.37	138	4.63	99	10.0	8.1	0.87	2.74	46.4	19.6	11.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.386	138.2	4.148	97.4	9.94	8.54	0.932	2.920	48.16	19.54	10.76
S.D.	0.047	2.2	0.341	1.1	0.18	1.02	0.065	0.141	1.79	1.93	0.61

Animal No.	β-G %	γ-G %
50151	17.1	2.9
50152	17.6	5.6
50154	15.8	3.0
50157	17.7	5.2
50160	19.0	3.8
n	5	5
Mean	17.44	4.10
S.D.	1.15	1.24

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50253	92	65	348	1.0	0.05	13.4	131	125	45	5.8	18.1
50254	114	67	373	0.9	0.06	24.4	144	104	54	6.1	19.5
50255	107	60	318	0.9	0.06	14.7	147	105	31	6.3	21.9
50259	146	79	256	0.8	0.05	24.8	151	110	107	6.7	26.2
50262	112	75	649	1.0	0.06	17.1	135	105	144	5.7	21.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	114.2	69.2	388.8	0.92	0.056	18.88	141.6	109.8	76.2	6.12	21.42
S.D.	19.8	7.7	151.9	0.08	0.005	5.39	8.4	8.8	47.6	0.40	3.07

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50253	0.36	138	4.61	100	9.7	8.7	0.86	2.69	46.3	19.7	10.4
50254	0.42	139	3.97	99	9.3	8.2	0.90	2.90	47.5	21.1	9.0
50255	0.44	140	4.06	100	9.4	6.8	1.01	3.16	50.2	17.6	10.5
50259	0.35	137	4.69	98	10.3	8.8	0.93	3.24	48.3	21.4	10.5
50262	0.36	139	4.44	98	9.4	8.1	1.02	2.88	50.6	18.9	10.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.386	138.6	4.354	99.0	9.62	8.12	0.944	2.974	48.58	19.74	10.08
S.D.	0.041	1.1	0.324	1.0	0.41	0.80	0.069	0.224	1.81	1.57	0.64

Animal No.	β-G %	γ-G %
50253	17.7	5.9
50254	16.3	6.1
50255	17.0	4.7
50259	16.3	3.5
50262	18.2	2.3
n	5	5
Mean	17.10	4.50
S.D.	0.85	1.61

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 300 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50353	95	106	279	1.1	0.05	15.2	127	80	184	6.0	23.6
50356	92	74	418	0.9	0.06	98.4	131	100	61	5.4	22.7
50357	99	55	863	1.0	0.05	13.7	138	103	49	5.7	25.8
50359	110	64	362	1.1	0.06	65.1	139	114	71	6.3	26.1
50361	195	104	449	0.9	0.07	30.7	116	89	63	6.0	32.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	118.2	80.6	474.2	1.00	0.058	44.62	130.2	97.2	85.6	5.88	26.12
S.D.	43.5	23.3	226.7	0.10	0.008	36.49	9.4	13.1	55.6	0.34	3.79

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50353	0.36	138	3.81	96	9.7	9.3	0.97	2.95	49.2	21.5	9.1
50356	0.35	139	4.54	100	9.7	9.6	1.00	2.69	49.9	20.6	10.7
50357	0.38	138	4.20	100	9.3	8.8	0.89	2.68	47.0	17.2	11.5
50359	0.43	139	4.00	97	10.5	8.6	0.98	3.11	49.4	20.8	9.5
50361	0.44	136	4.70	97	10.1	10.4	0.83	2.72	45.3	21.6	12.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.392	138.0	4.250	98.0	9.86	9.34	0.934	2.830	48.16	20.34	10.56
S.D.	0.041	1.2	0.369	1.9	0.46	0.71	0.072	0.192	1.95	1.81	1.25

Animal No.	β-G %	γ-G %
50353	16.2	4.0
50356	15.7	3.1
50357	19.0	5.3
50359	16.2	4.1
50361	17.1	4.0
n	5	5
Mean	16.84	4.10
S.D.	1.31	0.78

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50451	149	90	751	0.8	0.05	34.2	140	113	208	6.4	24.6
50452	165	88	438	1.0	0.11	91.8	143	132	92	6.4	25.9
50453	108	57	415	0.9	0.07	17.9	141	82	50	5.5	17.9
50454	93	41	331	0.9	0.06	15.6	167	82	17	5.9	15.2
50458	214	122	355	1.0	0.04	35.7	135	118	147	6.2	35.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	145.8	79.6	458.0	0.92	0.066	39.04	145.2	105.4	102.8	6.08	23.80
S.D.	48.1	31.5	169.4	0.08	0.027	30.88	12.5	22.5	76.3	0.38	7.88

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50451	0.40	135	4.65	93	10.7	10.1	0.93	3.08	48.1	21.4	10.4
50452	0.44	137	4.44	98	9.9	8.0	1.05	3.27	51.1	20.7	9.2
50453	0.33	140	4.51	101	9.1	6.8	0.89	2.59	47.0	19.3	12.4
50454	0.38	140	4.63	104	9.2	5.5	0.96	2.89	48.9	19.2	8.8
50458	0.45	135	4.56	93	10.1	10.6	0.87	2.89	46.6	22.8	12.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.400	137.4	4.558	97.8	9.80	8.20	0.940	2.944	48.34	20.68	10.68
S.D.	0.048	2.5	0.086	4.9	0.66	2.16	0.071	0.253	1.79	1.51	1.76

Animal No.	β-G %	γ-G %
50451	16.6	3.5
50452	15.5	3.5
50453	17.2	4.1
50454	16.2	6.9
50458	15.2	2.8
n	5	5
Mean	16.14	4.16
S.D.	0.81	1.60

Biochemical findings
Sex : Female (satellite)

Stage : Day 29
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50551	54	19	161	0.9	0.07	11.8	143	91	18	6.4	14.9
50552	71	37	115	1.6	0.07	5.8	132	45	8	6.2	14.7
50553	60	26	280	0.9	0.07	14.7	132	51	16	5.9	18.9
50554	65	29	132	0.9	0.06	9.8	136	46	8	6.4	16.2
50555	80	30	187	1.1	0.09	19.1	167	71	11	6.5	12.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	66.0	28.2	175.0	1.08	0.072	12.24	142.0	60.8	12.2	6.28	15.44
S.D.	10.0	6.5	64.8	0.30	0.011	5.02	14.7	19.9	4.6	0.24	2.35

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50551	0.37	144	4.01	105	10.1	5.7	1.07	3.30	51.6	18.8	8.7
50552	0.35	143	4.61	106	9.5	5.8	1.01	3.11	50.2	18.1	8.6
50553	0.40	142	4.17	104	9.4	5.8	1.13	3.13	53.0	18.5	7.9
50554	0.33	145	4.29	106	9.8	6.7	0.96	3.14	49.0	18.8	8.3
50555	0.32	142	4.48	106	9.8	5.7	0.92	3.11	47.9	20.1	9.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.354	143.2	4.312	105.4	9.72	5.94	1.018	3.158	50.34	18.86	8.54
S.D.	0.032	1.3	0.239	0.9	0.28	0.43	0.084	0.080	2.03	0.75	0.48

Animal No.	β-G %	γ-G %
50551	15.4	5.5
50552	14.9	8.2
50553	15.3	5.3
50554	14.8	9.1
50555	15.5	7.3
n	5	5
Mean	15.18	7.08
S.D.	0.31	1.66

Biochemical findings
Sex : Female (satellite)

Stage : Day 29
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50651	48	22	158	0.9	0.05	5.5	151	84	14	6.0	13.2
50652	57	26	147	0.7	0.07	10.2	168	61	46	6.5	14.6
50653	50	21	160	1.0	0.07	4.2	146	85	22	6.1	12.3
50654	60	24	137	0.7	0.07	12.1	152	51	15	5.8	13.0
50655	54	31	286	1.1	0.04	8.2	162	57	10	6.1	10.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	53.8	24.8	177.6	0.88	0.060	8.04	155.8	67.6	21.4	6.10	12.80
S.D.	4.9	4.0	61.3	0.18	0.014	3.25	9.0	15.8	14.4	0.25	1.35

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50651	0.29	144	4.25	107	9.0	5.7	1.02	3.02	50.4	20.3	8.0
50652	0.38	142	4.24	104	9.6	5.7	1.14	3.46	53.3	18.9	7.2
50653	0.34	143	4.10	105	9.6	5.9	1.02	3.09	50.6	20.3	8.5
50654	0.31	143	4.40	106	9.2	5.6	1.11	3.05	52.6	19.1	8.6
50655	0.29	143	4.32	105	9.3	6.3	0.98	3.03	49.6	18.0	10.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.322	143.0	4.262	105.4	9.34	5.84	1.054	3.130	51.30	19.32	8.46
S.D.	0.038	0.7	0.111	1.1	0.26	0.28	0.068	0.186	1.57	0.99	1.02

Animal No.	β-G %	γ-G %
50651	14.5	6.8
50652	13.7	6.9
50653	13.5	7.1
50654	13.7	6.0
50655	15.6	6.8
n	5	5
Mean	14.20	6.72
S.D.	0.87	0.42

Biochemical findings
Sex : Male

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10105	62	27	470	0.4	0.06	20.6	151	61	28	6.0	12.4
10106	57	24	257	0.4	0.06	9.7	135	49	29	5.7	11.3
10107	64	29	243	0.3	0.09	7.1	140	64	11	5.7	16.6
10108	64	29	339	0.9	0.05	4.9	132	60	28	5.2	17.3
10111	62	32	370	0.5	0.07	21.9	138	69	35	5.8	17.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	61.8	28.2	335.8	0.50	0.066	12.84	139.2	60.6	26.2	5.68	14.96
S.D.	2.9	2.9	92.2	0.23	0.015	7.88	7.3	7.4	9.0	0.29	2.88

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10105	0.32	144	4.37	102	10.0	6.8	0.81	2.69	44.8	25.3	9.3
10106	0.27	144	4.44	104	9.6	5.9	0.84	2.60	45.7	25.2	8.3
10107	0.33	145	4.23	105	9.3	5.9	0.84	2.60	45.7	25.1	7.1
10108	0.35	143	4.69	105	8.9	5.2	0.83	2.37	45.5	25.4	9.4
10111	0.33	144	4.58	105	9.6	6.0	0.72	2.42	41.7	29.0	8.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.320	144.0	4.462	104.2	9.48	5.96	0.808	2.536	44.68	26.00	8.52
S.D.	0.030	0.7	0.179	1.3	0.41	0.57	0.051	0.135	1.71	1.68	0.93

Animal No.	β-G %	γ-G %
10105	16.5	4.1
10106	15.1	5.7
10107	16.9	5.2
10108	16.7	3.0
10111	16.3	4.5
n	5	5
Mean	16.30	4.50
S.D.	0.71	1.04

Biochemical findings
Sex : Male

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10401	74	30	329	0.4	0.09	13.2	154	53	32	5.9	14.5
10402	98	33	366	0.4	0.07	14.9	156	52	13	6.0	13.7
10406	59	22	350	0.5	0.08	8.2	130	67	19	5.9	14.0
10409	69	24	329	0.5	0.07	6.1	126	59	44	5.9	12.0
10412	76	32	265	0.5	0.05	10.9	154	57	32	5.6	15.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	75.2	28.2	327.8	0.46	0.072	10.66	144.0	57.6	28.0	5.86	14.02
S.D.	14.3	4.9	38.4	0.05	0.015	3.58	14.7	6.0	12.2	0.15	1.41

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10401	0.32	143	4.69	102	9.3	5.8	0.78	2.59	43.9	24.2	8.4
10402	0.29	144	4.28	104	9.2	5.7	0.74	2.54	42.4	27.2	8.4
10406	0.34	145	4.38	105	9.8	6.3	0.85	2.71	45.9	21.8	9.5
10409	0.31	146	4.28	104	9.5	6.5	0.69	2.41	40.8	24.1	10.0
10412	0.28	144	4.76	105	9.1	6.2	0.78	2.46	43.9	24.7	9.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.308	144.4	4.478	104.0	9.38	6.10	0.768	2.542	43.38	24.40	9.08
S.D.	0.024	1.1	0.230	1.2	0.28	0.34	0.059	0.117	1.90	1.92	0.70

Animal No.	β-G %	γ-G %
10401	17.6	5.9
10402	17.2	4.8
10406	17.9	4.9
10409	18.1	7.0
10412	18.3	4.0
n	5	5
Mean	17.82	5.32
S.D.	0.43	1.16

Biochemical findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50556	94	42	142	0.8	0.09	17.8	180	83	25	6.4	17.3
50557	65	31	178	1.3	0.07	6.2	132	69	10	6.0	10.3
50558	69	29	255	0.5	0.08	16.2	119	52	12	6.2	16.3
50559	65	26	194	1.0	0.09	7.7	122	48	10	6.0	19.3
50560	65	23	173	0.6	0.10	11.6	144	82	19	6.5	16.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	71.6	30.2	188.4	0.84	0.086	11.90	139.4	66.8	15.2	6.22	15.84
S.D.	12.6	7.3	41.7	0.32	0.011	5.09	24.7	16.4	6.6	0.23	3.36

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50556	0.36	143	4.25	106	9.6	3.9	1.05	3.28	51.3	15.9	9.2
50557	0.33	142	4.69	106	9.6	5.9	1.02	3.03	50.5	15.6	8.3
50558	0.35	143	4.89	106	9.8	6.4	1.02	3.13	50.5	18.3	8.8
50559	0.40	143	4.86	105	9.2	6.2	0.98	2.97	49.5	20.7	7.8
50560	0.38	144	4.36	106	9.9	4.6	1.14	3.46	53.3	18.7	8.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.364	143.0	4.610	105.8	9.62	5.40	1.042	3.174	51.02	17.84	8.42
S.D.	0.027	0.7	0.291	0.4	0.27	1.09	0.060	0.198	1.43	2.12	0.58

Animal No.	β-G %	γ-G %
50556	16.6	7.0
50557	15.4	10.2
50558	16.2	6.2
50559	15.2	6.8
50560	14.6	5.4
n	5	5
Mean	15.60	7.12
S.D.	0.80	1.83

Biochemical findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : Ethylhexyl palmitate 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50656	56	24	113	0.8	0.08	14.5	155	85	19	6.3	13.2
50657	59	23	119	0.5	0.09	16.1	129	77	13	6.1	14.4
50658	91	29	150	0.4	0.10	32.7	146	72	41	7.0	14.8
50659	51	26	139	0.5	0.11	27.6	160	79	10	6.4	15.9
50660	70	29	172	0.7	0.08	17.5	131	70	9	6.0	14.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	65.4	26.2	138.6	0.58	0.092	21.68	144.2	76.6	18.4	6.36	14.50
S.D.	15.9	2.8	23.9	0.16	0.013	8.01	13.9	5.9	13.2	0.39	0.98

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50656	0.34	143	4.70	104	9.6	5.1	1.01	3.17	50.3	20.8	9.2
50657	0.31	143	4.58	107	10.0	6.4	1.21	3.34	54.8	16.8	8.1
50658	0.32	142	4.17	104	10.6	5.1	1.10	3.66	52.3	18.8	8.0
50659	0.30	142	4.44	105	9.6	5.6	1.10	3.35	52.4	16.5	8.4
50660	0.32	144	4.75	107	9.5	5.4	0.94	2.90	48.4	22.6	8.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.318	142.8	4.528	105.4	9.86	5.52	1.072	3.284	51.64	19.10	8.40
S.D.	0.015	0.8	0.233	1.5	0.46	0.54	0.102	0.278	2.41	2.61	0.47

Animal No.	β-G %	γ-G %
50656	14.8	4.9
50657	13.5	6.8
50658	14.4	6.5
50659	16.4	6.3
50660	15.2	5.5
n	5	5
Mean	14.86	6.00
S.D.	1.07	0.78

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

Animal No.	T4 ng/mL
10101	57.7
10102	53.2
10103	48.6
10104	54.6
10109	52.9
10110	62.7
10112	65.9
n	7
Mean	56.51
S.D.	6.03

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

Animal No.	T4 ng/mL
10201	61.3
10202	64.0
10203	48.8
10204	41.2
10205	68.1
10206	51.3
10207	60.9
10208	52.4
10209	53.5
10210	56.2
10211	60.1
10212	60.2
n	12
Mean	56.50
S.D.	7.42

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

Animal No.	T4 ng/mL
10301	62.5
10302	63.4
10303	65.7
10304	63.5
10305	64.6
10306	54.1
10307	63.9
10308	63.4
10309	58.5
10310	54.0
10311	78.4
10312	68.6
n	12
Mean	63.38
S.D.	6.46

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

Animal No.	T4 ng/mL
10403	44.0
10404	45.2
10405	59.7
10407	54.6
10408	50.9
10410	57.4
10411	64.9
n	7
Mean	53.81
S.D.	7.64

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10101
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10102
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10103
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10104
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10109
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10110
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10112
Testis
Findings : Finding present
Small size, unilateral
Non-graded change
Finding Comment : unilateral : left

Epididymis
Findings : Finding present
Small size, unilateral
Non-graded change
Finding Comment : unilateral : left

Finding absent : Other organs & tissues

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

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10201
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10202
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10203
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10204
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10205
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10206
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10207
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10208
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10209
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10210
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10211
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 10212
Finding absent : All organs & tissues

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

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10301
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10302
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10303
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10304
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10305
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10306
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10307
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10308
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10309
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10310
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10311
Finding absent : All organs & tissues

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 10312
Finding absent : All organs & tissues

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

Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10403	
Finding absent :	All organs & tissues		
Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10404	
Finding absent :	All organs & tissues		
Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10405	Infertility
Finding absent :	All organs & tissues		
Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10407	
Finding absent :	All organs & tissues		
Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10408	
Finding absent :	All organs & tissues		
Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10410	
Finding absent :	All organs & tissues		
Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10411	Infertility
Finding absent :	All organs & tissues		

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50151
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50152
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50153
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50154
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50155
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50156
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50157
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50158
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50159
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50160
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50161
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50162
Finding absent : All organs & tissues
Estrous cycle : Diestrus

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

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

Test article : Ethylhexyl palmitate Dose : 100 mg/kg Animal No. : 50252
Finding absent : All organs & tissues
Estrous cycle : Diestrus

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

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

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

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

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

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

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

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

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

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

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

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50351
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50352
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50353
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50354
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50355
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50356
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50357
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50358
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50359
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50360
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50361
Finding absent : All organs & tissues
Estrous cycle : Diestrus

Test article : Ethylhexyl palmitate Dose : 300 mg/kg Animal No. : 50362
Finding absent : All organs & tissues
Estrous cycle : Diestrus

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

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

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

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

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50455 Non-pregnancy
Finding absent : All organs & tissues
Estrous cycle : Proestrus

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

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

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

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

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50461 Unsuccessful mating
Finding absent : All organs & tissues
Estrous cycle : Proestrus

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50462
Finding absent : All organs & tissues
Estrous cycle : Diestrus

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

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

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

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50554
Finding absent : All organs & tissues
Estrous cycle : Diestrus

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

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

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

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

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

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

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

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

Test article : Ethylhexyl palmitate	Dose : 0 mg/kg	Animal No. : 10105
Finding absent :	All organs & tissues	

Test article : Ethylhexyl palmitate	Dose : 0 mg/kg	Animal No. : 10106
Finding absent :	All organs & tissues	

Test article : Ethylhexyl palmitate	Dose : 0 mg/kg	Animal No. : 10107
Finding absent :	All organs & tissues	

Test article : Ethylhexyl palmitate	Dose : 0 mg/kg	Animal No. : 10108
Finding absent :	All organs & tissues	

Test article : Ethylhexyl palmitate	Dose : 0 mg/kg	Animal No. : 10111
Finding absent :	All organs & tissues	

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

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

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

Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10406
Finding absent :	All organs & tissues	

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

Test article : Ethylhexyl palmitate	Dose : 1000 mg/kg	Animal No. : 10412
Finding absent :	All organs & tissues	

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

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

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

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

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

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

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

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

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

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

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

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10101	481	12.75	2.65	2.87	0.60	1.28	0.27	729	151.56
10102	488	11.76	2.41	2.94	0.60	1.27	0.26	641	131.35
10103	473	11.31	2.39	2.95	0.62	1.49	0.32	718	151.80
10104	594	17.84	3.00	3.74	0.63	1.67	0.28	886	149.16
10109	527	12.94	2.46	3.81	0.72	1.61	0.31	895	169.83
10110	566	14.49	2.56	3.52	0.62	1.35	0.24	716	126.50
10112	493	11.64	2.36	3.29	0.67	1.54	0.31	553	112.17
n	7	7	7	7	7	7	7	7	7
Mean	517.4	13.247	2.547	3.303	0.637	1.459	0.284	734.0	141.767
S.D.	46.7	2.292	0.224	0.396	0.043	0.160	0.030	123.2	19.392

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10101	212	44.07	65	13.51	13.8	2.87	23.5	4.89	3.79	0.79
10102	260	53.28	62	12.70	14.8	3.03	22.5	4.61	3.11	0.64
10103	293	61.95	54	11.42	14.4	3.04	25.9	5.48	3.16	0.67
10104	275	46.30	76	12.79	12.4	2.09	29.2	4.92	3.42	0.58
10109	257	48.77	80	15.18	14.3	2.71	25.3	4.80	3.51	0.67
10110	227	40.11	65	11.48	13.1	2.31	25.5	4.51	3.23	0.57
10112	302	61.26	57	11.56	12.2	2.47	22.6	4.58	3.19	0.65
n	7	7	7	7	7	7	7	7	7	7
Mean	260.9	50.820	65.6	12.663	13.57	2.646	24.93	4.827	3.344	0.653
S.D.	32.9	8.405	9.5	1.368	1.02	0.367	2.35	0.329	0.244	0.073

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10101	1.51	0.31	931	193.56	2.67	0.56	2.23	0.46
10102	1.42	0.29	789	161.68	2.79	0.57	2.14	0.44
10103	1.42	0.30	819	173.15	2.60	0.55	2.04	0.43
10104	1.58	0.27	814	137.04	2.13	0.36	2.21	0.37
10109	1.28	0.24	1042	197.72	3.09	0.59	2.44	0.46
10110	1.26	0.22	636	112.37	2.92	0.52	2.30	0.41
10112	1.03	0.21	686	139.15	2.19	0.44	2.17	0.44
n	7	7	7	7	7	7	7	7
Mean	1.357	0.263	816.7	159.239	2.627	0.513	2.219	0.430
S.D.	0.184	0.040	138.0	31.494	0.358	0.083	0.127	0.032

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10201	574	15.90	2.77	3.14	0.55	1.59	0.28	815	141.99
10202	513	13.06	2.55	2.80	0.55	1.32	0.26	748	145.81
10203	515	12.97	2.52	2.94	0.57	1.27	0.25	819	159.03
10204	458	10.77	2.35	2.95	0.64	1.20	0.26	689	150.44
10205	503	13.24	2.63	3.38	0.67	1.46	0.29	721	143.34
10206	543	13.52	2.49	3.12	0.57	1.65	0.30	879	161.88
10207	478	10.69	2.24	3.02	0.63	1.41	0.29	609	127.41
10208	559	14.79	2.65	3.41	0.61	1.72	0.31	796	142.40
10209	485	11.78	2.43	3.03	0.62	1.37	0.28	627	129.28
10210	524	12.13	2.31	3.09	0.59	1.53	0.29	790	150.76
10211	547	13.45	2.46	3.56	0.65	1.56	0.29	680	124.31
10212	512	13.76	2.69	3.14	0.61	1.59	0.31	721	140.82
n	12	12	12	12	12	12	12	12	12
Mean	517.6	13.005	2.508	3.132	0.605	1.473	0.284	741.2	143.123
S.D.	34.2	1.516	0.161	0.219	0.039	0.161	0.019	81.9	11.769

	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10201	406	70.73	67	11.67	12.8	2.23	33.2	5.78	3.32	0.58
10202	181	35.28	64	12.48	12.5	2.44	28.4	5.54	3.35	0.65
10203	326	63.30	81	15.73	11.9	2.31	17.4	3.38	3.50	0.68
10204	417	91.05	54	11.79	8.5	1.86	28.1	6.14	3.36	0.73
10205	393	78.13	64	12.72	13.0	2.58	23.8	4.73	3.13	0.62
10206	350	64.46	104	19.15	13.7	2.52	24.9	4.59	3.33	0.61
10207	337	70.50	78	16.32	15.5	3.24	29.2	6.11	3.08	0.64
10208	293	52.42	57	10.20	12.9	2.31	22.6	4.04	3.96	0.71
10209	294	60.62	61	12.58	12.2	2.52	35.2	7.26	3.46	0.71
10210	339	64.69	71	13.55	11.3	2.16	30.1	5.74	3.16	0.60
10211	245	44.79	78	14.26	13.7	2.50	27.4	5.01	3.46	0.63
10212	408	79.69	69	13.48	12.6	2.46	23.9	4.67	2.55	0.50
n	12	12	12	12	12	12	12	12	12	12
Mean	332.4	64.638	70.7	13.661	12.55	2.428	27.02	5.249	3.305	0.638
S.D.	71.3	15.376	13.4	2.427	1.66	0.326	4.85	1.055	0.329	0.065

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10201	1.32	0.23	704	122.65	2.52	0.44	2.10	0.37
10202	1.39	0.27	693	135.09	2.32	0.45	2.33	0.45
10203	1.32	0.26	577	112.04	2.55	0.50	2.08	0.40
10204	1.39	0.30	974	212.66	2.58	0.56	2.19	0.48
10205	1.30	0.26	417	82.90	3.20	0.64	2.23	0.44
10206	1.43	0.26	812	149.54	2.45	0.45	2.41	0.44
10207	1.20	0.25	870	182.01	2.39	0.50	2.31	0.48
10208	1.35	0.24	736	131.66	2.46	0.44	2.32	0.42
10209	1.25	0.26	646	133.20	2.13	0.44	2.26	0.47
10210	1.42	0.27	687	131.11	3.03	0.58	2.32	0.44
10211	1.37	0.25	574	104.94	2.42	0.44	2.34	0.43
10212	0.98	0.19	609	118.95	1.92	0.38	2.22	0.43
n	12	12	12	12	12	12	12	12
Mean	1.310	0.253	691.6	134.729	2.498	0.485	2.259	0.438
S.D.	0.124	0.026	147.6	34.426	0.345	0.074	0.099	0.032

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10301	516	13.28	2.57	2.99	0.58	1.38	0.27	743	143.99
10302	528	15.64	2.96	3.33	0.63	1.50	0.28	1017	192.61
10303	470	12.57	2.67	3.04	0.65	1.34	0.29	651	138.51
10304	565	16.70	2.96	3.63	0.64	1.78	0.32	824	145.84
10305	517	11.86	2.29	3.24	0.63	1.35	0.26	835	161.51
10306	499	13.00	2.61	3.32	0.67	1.50	0.30	834	167.13
10307	497	11.07	2.23	3.05	0.61	1.34	0.27	825	166.00
10308	554	16.62	3.00	3.79	0.68	1.51	0.27	798	144.04
10309	511	12.86	2.52	3.21	0.63	1.43	0.28	757	148.14
10310	518	12.95	2.50	3.43	0.66	1.68	0.32	797	153.86
10311	536	14.94	2.79	3.13	0.58	1.50	0.28	705	131.53
10312	519	12.81	2.47	3.40	0.66	1.55	0.30	649	125.05
n	12	12	12	12	12	12	12	12	12
Mean	519.2	13.692	2.631	3.297	0.635	1.488	0.287	786.3	151.518
S.D.	25.4	1.837	0.255	0.242	0.032	0.136	0.020	98.9	18.273

	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10301	252	48.84	61	11.82	13.2	2.56	23.7	4.59	3.47	0.67
10302	456	86.36	59	11.17	14.8	2.80	27.8	5.27	4.01	0.76
10303	381	81.06	51	10.85	9.4	2.00	22.9	4.87	3.24	0.69
10304	319	56.46	94	16.64	12.8	2.27	23.5	4.16	3.49	0.62
10305	208	40.23	66	12.77	10.3	1.99	24.2	4.68	3.34	0.65
10306	217	43.49	66	13.23	10.3	2.06	21.0	4.21	3.32	0.67
10307	407	81.89	60	12.07	11.1	2.23	21.2	4.27	3.05	0.61
10308	360	64.98	87	15.70	17.2	3.10	30.4	5.49	3.66	0.66
10309	244	47.75	73	14.29	15.5	3.03	36.3	7.10	3.49	0.68
10310	206	39.77	74	14.29	11.5	2.22	25.4	4.90	3.52	0.68
10311	390	72.76	62	11.57	11.4	2.13	34.3	6.40	3.57	0.67
10312	213	41.04	80	15.41	13.1	2.52	28.4	5.47	3.19	0.61
n	12	12	12	12	12	12	12	12	12	12
Mean	304.4	58.719	69.4	13.318	12.55	2.409	26.59	5.118	3.446	0.664
S.D.	91.1	17.850	12.6	1.927	2.35	0.391	4.97	0.899	0.249	0.041

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10301	1.29	0.25	643	124.61	2.37	0.46	2.24	0.43
10302	1.29	0.24	825	156.25	1.57	0.30	2.27	0.43
10303	1.22	0.26	619	131.70	2.41	0.51	2.13	0.45
10304	1.42	0.25	1009	178.58	2.28	0.40	2.32	0.41
10305	1.24	0.24	860	166.34	2.07	0.40	2.08	0.40
10306	1.46	0.29	834	167.13	3.04	0.61	2.15	0.43
10307	1.22	0.25	337	67.81	2.29	0.46	2.17	0.44
10308	1.50	0.27	647	116.79	2.39	0.43	2.44	0.44
10309	1.44	0.28	669	130.92	2.24	0.44	2.33	0.46
10310	1.48	0.29	849	163.90	2.25	0.43	2.15	0.42
10311	1.28	0.24	661	123.32	1.85	0.35	2.23	0.42
10312	1.43	0.28	808	155.68	2.30	0.44	2.21	0.43
n	12	12	12	12	12	12	12	12
Mean	1.356	0.262	730.1	140.253	2.255	0.436	2.227	0.430
S.D.	0.108	0.019	171.8	30.771	0.349	0.077	0.101	0.017

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

Organ weight
Sex : Male
Stage : Day 29
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10403	516	13.94	2.70	3.40	0.66	1.49	0.29	951	184.30
10404	524	13.73	2.62	3.33	0.64	1.48	0.28	650	124.05
10405	541	14.90	2.75	3.21	0.59	1.48	0.27	904	167.10
10407	520	14.01	2.69	3.02	0.58	1.47	0.28	592	113.85
10408	460	11.49	2.50	3.50	0.76	1.28	0.28	709	154.13
10410	522	14.61	2.80	3.25	0.62	1.50	0.29	738	141.38
10411	513	14.22	2.77	3.30	0.64	1.41	0.27	684	133.33
n	7	7	7	7	7	7	7	7	7
Mean	513.7	13.843	2.690	3.287	0.641	1.444	0.280	746.9	145.449
S.D.	25.3	1.113	0.103	0.152	0.060	0.078	0.008	132.4	24.743

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10403	293	56.78	63	12.21	12.8	2.48	23.8	4.61	3.73	0.72
10404	274	52.29	50	9.54	11.6	2.21	25.8	4.92	3.72	0.71
10405	343	63.40	75	13.86	13.4	2.48	26.1	4.82	3.66	0.68
10407	326	62.69	75	14.42	11.0	2.12	24.7	4.75	3.53	0.68
10408	295	64.13	62	13.48	11.0	2.39	26.3	5.72	3.29	0.72
10410	351	67.24	72	13.79	12.6	2.41	24.1	4.62	3.46	0.66
10411	242	47.17	71	13.84	10.3	2.01	20.9	4.07	3.55	0.69
n	7	7	7	7	7	7	7	7	7	7
Mean	303.4	59.100	66.9	13.020	11.81	2.300	24.53	4.787	3.563	0.694
S.D.	39.1	7.269	9.1	1.679	1.14	0.187	1.88	0.494	0.157	0.023

Animal No.	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10403	1.67	0.32	938	181.78	2.71	0.53	2.39	0.46
10404	1.37	0.26	855	163.17	2.59	0.49	2.24	0.43
10405	1.60	0.30	684	126.43	2.36	0.44	2.30	0.43
10407	1.52	0.29	363	69.81	2.54	0.49	2.13	0.41
10408	1.16	0.25	716	155.65	2.46	0.53	2.12	0.46
10410	1.19	0.23	542	103.83	2.88	0.55	2.19	0.42
10411	1.36	0.27	565	110.14	2.54	0.50	2.26	0.44
n	7	7	7	7	7	7	7	7
Mean	1.410	0.274	666.1	130.116	2.583	0.504	2.233	0.436
S.D.	0.196	0.031	195.8	39.060	0.170	0.036	0.096	0.019

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

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50151	353	12.24	3.47	2.23	0.63	1.17	0.33	722	204.53
50152	337	12.56	3.73	2.23	0.66	1.13	0.34	602	178.64
50153	331	10.64	3.21	2.09	0.63	1.06	0.32	629	190.03
50154	317	10.07	3.18	1.88	0.59	1.07	0.34	508	160.25
50155	325	13.58	4.18	2.43	0.75	1.27	0.39	724	222.77
50156	340	11.89	3.50	2.07	0.61	1.12	0.33	612	180.00
50157	326	10.38	3.18	2.24	0.69	1.16	0.36	561	172.09
50158	371	11.61	3.13	2.40	0.65	1.15	0.31	634	170.89
50159	330	12.04	3.65	2.28	0.69	1.29	0.39	682	206.67
50160	349	11.24	3.22	2.16	0.62	1.25	0.36	636	182.23
50161	401	12.13	3.02	2.42	0.60	1.25	0.31	556	138.65
50162	311	10.54	3.39	2.05	0.66	1.06	0.34	551	177.17
n	12	12	12	12	12	12	12	12	12
Mean	340.9	11.577	3.405	2.207	0.648	1.165	0.343	618.1	181.993
S.D.	25.1	1.036	0.327	0.167	0.045	0.083	0.027	68.0	22.270

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50151	196	55.52	80	22.66	15.9	4.50	16.3	4.62	115	32.58
50152	279	82.79	75	22.26	18.1	5.37	12.9	3.83	82	24.33
50153	345	104.23	96	29.00	20.9	6.31	13.9	4.20	133	40.18
50154	204	64.35	72	22.71	13.8	4.35	14.8	4.67	94	29.65
50155	209	64.31	87	26.77	19.8	6.09	24.0	7.38	115	35.38
50156	201	59.12	83	24.41	14.4	4.24	14.6	4.29	118	34.71
50157	184	56.44	83	25.46	17.3	5.31	18.0	5.52	116	35.58
50158	153	41.24	76	20.49	17.1	4.61	22.1	5.96	152	40.97
50159	229	69.39	82	24.85	17.1	5.18	22.6	6.85	121	36.67
50160	222	63.61	78	22.35	15.0	4.30	14.2	4.07	114	32.66
50161	358	89.28	77	19.20	18.9	4.71	21.3	5.31	105	26.18
50162	179	57.56	83	26.69	15.6	5.02	21.8	7.01	112	36.01
n	12	12	12	12	12	12	12	12	12	12
Mean	229.9	67.320	81.0	23.904	16.99	4.999	18.04	5.309	114.8	33.742
S.D.	64.6	17.110	6.3	2.819	2.18	0.684	4.06	1.239	17.5	5.040

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

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 0 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50151	544	154.11	1.96	0.56
50152	577	171.22	1.95	0.58
50153	798	241.09	2.10	0.63
50154	440	138.80	1.94	0.61
50155	694	213.54	2.16	0.66
50156	472	138.82	2.09	0.61
50157	489	150.00	2.00	0.61
50158	539	145.28	1.98	0.53
50159	545	165.15	2.06	0.62
50160	532	152.44	1.97	0.56
50161	532	132.67	1.93	0.48
50162	578	185.85	2.03	0.65
n	12	12	12	12
Mean	561.7	165.748	2.014	0.592
S.D.	97.6	32.918	0.074	0.052

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

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 100 mg/kg

Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50251	322	10.99	3.41	2.12	0.66	1.14	0.35	543	168.63
50252	335	10.81	3.23	2.10	0.63	1.13	0.34	523	156.12
50253	341	10.74	3.15	2.08	0.61	1.10	0.32	589	172.73
50254	334	11.55	3.46	2.10	0.63	1.09	0.33	697	208.68
50255	337	11.28	3.35	2.14	0.64	1.10	0.33	672	199.41
50256	365	12.13	3.32	2.22	0.61	1.20	0.33	670	183.56
50257	334	11.03	3.30	2.34	0.70	1.07	0.32	578	173.05
50258	341	9.56	2.80	2.11	0.62	0.99	0.29	719	210.85
50259	317	10.95	3.45	2.22	0.70	1.10	0.35	635	200.32
50260	338	11.52	3.41	2.47	0.73	1.14	0.34	633	187.28
50261	356	11.65	3.27	2.46	0.69	1.37	0.38	641	180.06
50262	315	9.80	3.11	1.88	0.60	0.99	0.31	497	157.78
n	12	12	12	12	12	12	12	12	12
Mean	336.3	11.001	3.272	2.187	0.652	1.118	0.333	616.4	183.206
S.D.	14.5	0.737	0.186	0.169	0.043	0.099	0.023	70.6	18.588

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50251	179	55.59	73	22.67	18.2	5.65	22.6	7.02	103	31.99
50252	238	71.04	98	29.25	17.3	5.16	20.8	6.21	107	31.94
50253	225	65.98	87	25.51	12.8	3.75	17.1	5.01	110	32.26
50254	192	57.49	74	22.16	16.7	5.00	16.9	5.06	121	36.23
50255	169	50.15	75	22.26	13.3	3.95	15.8	4.69	116	34.42
50256	258	70.68	83	22.74	11.7	3.21	23.7	6.49	145	39.73
50257	199	59.58	72	21.56	13.2	3.95	19.6	5.87	91	27.25
50258	166	48.68	73	21.41	14.3	4.19	18.4	5.40	95	27.86
50259	202	63.72	63	19.87	13.9	4.38	26.6	8.39	108	34.07
50260	238	70.41	83	24.56	16.5	4.88	21.4	6.33	103	30.47
50261	164	46.07	68	19.10	12.8	3.60	13.9	3.90	107	30.06
50262	183	58.10	78	24.76	15.1	4.79	21.4	6.79	113	35.87
n	12	12	12	12	12	12	12	12	12	12
Mean	201.1	59.791	77.3	22.988	14.65	4.376	19.85	5.930	109.9	32.679
S.D.	31.7	8.750	9.3	2.729	2.08	0.726	3.62	1.209	13.8	3.607

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

Organ weight
Sex : Female

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

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50251	622	193.17	2.04	0.63
50252	526	157.01	2.30	0.69
50253	557	163.34	1.98	0.58
50254	600	179.64	1.98	0.59
50255	520	154.30	1.89	0.56
50256	567	155.34	2.12	0.58
50257	607	181.74	2.09	0.63
50258	421	123.46	1.93	0.57
50259	485	153.00	2.02	0.64
50260	642	189.94	2.11	0.62
50261	549	154.21	2.04	0.57
50262	506	160.63	2.03	0.64
n	12	12	12	12
Mean	550.2	163.815	2.044	0.608
S.D.	63.3	19.477	0.106	0.039

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

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

Animal No.	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
50351	347	11.19	3.22	2.09	0.60	1.03	0.30	531	153.03
50352	320	11.07	3.46	1.99	0.62	1.11	0.35	537	167.81
50353	320	11.21	3.50	2.36	0.74	1.09	0.34	629	196.56
50354	378	13.19	3.49	2.35	0.62	1.16	0.31	570	150.79
50355	323	10.03	3.11	1.89	0.59	1.12	0.35	477	147.68
50356	315	10.82	3.43	2.24	0.71	1.13	0.36	692	219.68
50357	311	11.00	3.54	2.12	0.68	1.10	0.35	573	184.24
50358	338	12.57	3.72	2.41	0.71	1.18	0.35	554	163.91
50359	334	10.81	3.24	2.02	0.60	1.03	0.31	724	216.77
50360	364	11.08	3.04	2.24	0.62	1.19	0.33	595	163.46
50361	326	10.43	3.20	2.26	0.69	1.13	0.35	633	194.17
50362	342	13.36	3.91	2.23	0.65	1.31	0.38	560	163.74
n	12	12	12	12	12	12	12	12	12
Mean	334.8	11.397	3.405	2.183	0.653	1.132	0.340	589.6	176.820
S.D.	20.3	1.060	0.255	0.162	0.051	0.075	0.023	69.9	24.989

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
50351	156	44.96	86	24.78	11.4	3.29	25.3	7.29	137	39.48
50352	267	83.44	46	14.38	13.8	4.31	16.4	5.13	87	27.19
50353	143	44.69	82	25.63	16.3	5.09	22.7	7.09	93	29.06
50354	167	44.18	71	18.78	13.9	3.68	13.8	3.65	86	22.75
50355	242	74.92	74	22.91	14.9	4.61	12.7	3.93	92	28.48
50356	390	123.81	88	27.94	12.6	4.00	16.9	5.37	99	31.43
50357	253	81.35	83	26.69	14.5	4.66	12.3	3.95	82	26.37
50358	114	33.73	72	21.30	13.8	4.08	26.2	7.75	116	34.32
50359	185	55.39	81	24.25	11.4	3.41	16.1	4.82	122	36.53
50360	270	74.18	87	23.90	16.0	4.40	17.1	4.70	104	28.57
50361	134	41.10	90	27.61	16.2	4.97	16.3	5.00	123	37.73
50362	251	73.39	73	21.35	15.3	4.47	28.4	8.30	110	32.16
n	12	12	12	12	12	12	12	12	12	12
Mean	214.3	64.595	77.8	23.293	14.18	4.248	18.68	5.582	104.3	31.173
S.D.	78.9	25.595	12.0	3.913	1.71	0.575	5.51	1.605	17.4	5.045

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

Organ weight
Sex : Female

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

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50351	742	213.83	1.97	0.57
50352	619	193.44	1.98	0.62
50353	557	174.06	2.05	0.64
50354	568	150.26	2.20	0.58
50355	534	165.33	2.06	0.64
50356	698	221.59	1.92	0.61
50357	569	182.96	2.02	0.65
50358	418	123.67	2.01	0.59
50359	464	138.92	1.94	0.58
50360	620	170.33	2.01	0.55
50361	547	167.79	1.99	0.61
50362	659	192.69	2.07	0.61
n	12	12	12	12
Mean	582.9	174.573	2.018	0.604
S.D.	92.0	28.777	0.073	0.031

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

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50451	352	12.82	3.64	2.39	0.68	1.20	0.34	695	197.44
50452	352	12.89	3.66	2.23	0.63	1.13	0.32	621	176.42
50453	333	10.71	3.22	2.04	0.61	1.11	0.33	541	162.46
50454	351	10.54	3.00	1.85	0.53	0.95	0.27	596	169.80
50455	309 $	8.79 $	2.84 $	2.07 $	0.67 $	1.12 $	0.36 $	610 $	197.41 $
50456	361	12.29	3.40	2.20	0.61	1.24	0.34	762	211.08
50457	350	11.23	3.21	2.03	0.58	1.19	0.34	517	147.71
50458	344	13.24	3.85	2.52	0.73	1.13	0.33	568	165.12
50459	362	12.78	3.53	2.33	0.64	1.24	0.34	536	148.07
50460	364	14.53	3.99	1.96	0.54	1.17	0.32	766	210.44
50461	337 #	8.93 #	2.65 #	1.97 #	0.58 #	1.05 #	0.31 #	469 #	139.17 #
50462	319	12.50	3.92	2.07	0.65	1.02	0.32	612	191.85
n	10	10	10	10	10	10	10	10	10
Mean	348.8	12.353	3.542	2.162	0.620	1.138	0.325	621.4	178.039
S.D.	13.9	1.224	0.332	0.209	0.061	0.093	0.021	90.9	23.586

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50451	180	51.14	74	21.02	15.4	4.38	22.7	6.45	148	42.05
50452	298	84.66	73	20.74	14.8	4.20	15.9	4.52	106	30.11
50453	222	66.67	60	18.02	14.1	4.23	16.3	4.89	88	26.43
50454	248	70.66	73	20.80	16.1	4.59	22.1	6.30	106	30.20
50455	294 $	95.15 $	83 $	26.86 $	14.3 $	4.63 $	19.3 $	6.25 $	123 $	39.81 $
50456	256	70.91	76	21.05	16.3	4.52	18.7	5.18	98	27.15
50457	218	62.29	76	21.71	16.2	4.63	23.9	6.83	117	33.43
50458	133	38.66	74	21.51	15.1	4.39	17.1	4.97	100	29.07
50459	248	68.51	68	18.78	17.9	4.94	17.4	4.81	120	33.15
50460	263	72.25	68	18.68	12.9	3.54	19.4	5.33	116	31.87
50461	229 #	67.95 #	81 #	24.04 #	11.9 #	3.53 #	17.5 #	5.19 #	107 #	31.75 #
50462	233	73.04	87	27.27	13.4	4.20	20.5	6.43	120	37.62
n	10	10	10	10	10	10	10	10	10	10
Mean	229.9	65.879	72.9	20.958	15.22	4.362	19.40	5.571	111.9	32.108
S.D.	46.1	12.786	7.0	2.568	1.50	0.370	2.81	0.840	16.5	4.782

AB : Absolute weight, RE : Relative weight by body weight
$: Excepted data from calculation (non-pregnancy)
: Excepted data from calculation (unsuccessful mating)

Organ weight
Sex : Female

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

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50451	524	148.86	2.00	0.57
50452	536	152.27	1.87	0.53
50453	517	155.26	2.02	0.61
50454	669	190.60	2.06	0.59
50455	2303 $	745.31 $	2.20 $	0.71 $
50456	494	136.84	2.02	0.56
50457	572	163.43	1.90	0.54
50458	594	172.67	1.98	0.58
50459	627	173.20	1.99	0.55
50460	696	191.21	2.07	0.57
50461	764 #	226.71 #	1.97 #	0.58 #
50462	587	184.01	1.90	0.60
n	10	10	10	10
Mean	581.6	166.835	1.981	0.570
S.D.	66.9	18.586	0.069	0.026

AB : Absolute weight, RE : Relative weight by body weight
$: Excepted data from calculation (non-pregnancy)
: Excepted data from calculation (unsuccessful mating)

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50551	301	8.26	2.74	1.92	0.64	0.94	0.31	566	188.04
50552	266	7.00	2.63	1.57	0.59	0.81	0.30	417	156.77
50553	287	7.27	2.53	1.76	0.61	0.97	0.34	512	178.40
50554	264	6.74	2.55	1.71	0.65	0.84	0.32	496	187.88
50555	285	7.97	2.80	1.84	0.65	1.00	0.35	510	178.95
n	5	5	5	5	5	5	5	5	5
Mean	280.6	7.448	2.650	1.760	0.628	0.912	0.324	500.2	178.008
S.D.	15.5	0.645	0.118	0.133	0.027	0.083	0.021	53.6	12.749

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50551	338	112.29	76	25.25	16.5	5.48	28.7	9.53	73	24.25
50552	245	92.11	78	29.32	15.5	5.83	17.0	6.39	101	37.97
50553	315	109.76	84	29.27	13.5	4.70	22.8	7.94	98	34.15
50554	230	87.12	69	26.14	22.0	8.33	19.9	7.54	106	40.15
50555	469	164.56	81	28.42	21.3	7.47	25.2	8.84	101	35.44
n	5	5	5	5	5	5	5	5	5	5
Mean	319.4	113.168	77.6	27.680	17.76	6.362	22.72	8.048	95.8	34.392
S.D.	95.2	30.722	5.7	1.874	3.72	1.494	4.54	1.209	13.1	6.123

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50551	537	178.41	2.00	0.66
50552	455	171.05	1.82	0.68
50553	458	159.58	2.11	0.74
50554	583	220.83	2.05	0.78
50555	877	307.72	1.95	0.68
n	5	5	5	5
Mean	582.0	207.518	1.986	0.708
S.D.	173.6	60.607	0.110	0.050

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

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50651	248	8.44	3.40	1.77	0.71	0.92	0.37	566	228.23
50652	315	7.54	2.39	1.71	0.54	0.84	0.27	479	152.06
50653	276	7.74	2.80	1.84	0.67	1.00	0.36	473	171.38
50654	297	7.97	2.68	2.06	0.69	1.01	0.34	433	145.79
50655	285	8.70	3.05	2.12	0.74	0.91	0.32	506	177.54
n	5	5	5	5	5	5	5	5	5
Mean	284.2	8.078	2.864	1.900	0.670	0.936	0.332	491.4	175.000
S.D.	25.0	0.483	0.382	0.181	0.077	0.070	0.040	49.2	32.529

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50651	325	131.05	57	22.98	14.6	5.89	17.4	7.02	90	36.29
50652	319	101.27	75	23.81	15.4	4.89	25.3	8.03	123	39.05
50653	317	114.86	71	25.72	15.3	5.54	18.0	6.52	104	37.68
50654	305	102.69	60	20.20	14.6	4.92	20.3	6.84	103	34.68
50655	222	77.89	80	28.07	21.4	7.51	19.5	6.84	106	37.19
n	5	5	5	5	5	5	5	5	5	5
Mean	297.6	105.552	68.6	24.156	16.26	5.750	20.10	7.050	105.2	36.978
S.D.	42.9	19.548	9.8	2.955	2.90	1.071	3.13	0.577	11.8	1.627

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50651	673	271.37	2.07	0.83
50652	751	238.41	1.96	0.62
50653	1407	509.78	1.89	0.68
50654	591	198.99	2.02	0.68
50655	534	187.37	1.99	0.70
n	5	5	5	5
Mean	791.2	281.184	1.986	0.702
S.D.	353.9	132.041	0.067	0.078

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

Organ weight
Sex : Male
Stage : Recovery day 15
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10105	562	13.31	2.37	3.20	0.57	1.43	0.25	671	119.40
10106	549	13.24	2.41	3.72	0.68	1.41	0.26	815	148.45
10107	503	10.45	2.08	3.44	0.68	1.39	0.28	554	110.14
10108	511	10.88	2.13	2.71	0.53	1.54	0.30	856	167.51
10111	545	13.36	2.45	2.91	0.53	1.57	0.29	706	129.54
n	5	5	5	5	5	5	5	5	5
Mean	534.0	12.248	2.288	3.196	0.598	1.468	0.276	720.4	135.008
S.D.	25.6	1.454	0.170	0.404	0.077	0.081	0.021	120.1	23.071

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10105	296	52.67	60	10.68	12.5	2.22	23.5	4.18	3.64	0.65
10106	215	39.16	46	8.38	14.7	2.68	26.9	4.90	3.27	0.60
10107	182	36.18	70	13.92	12.1	2.41	17.0	3.38	3.92	0.78
10108	337	65.95	52	10.18	12.9	2.52	22.7	4.44	3.41	0.67
10111	298	54.68	48	8.81	15.2	2.79	23.8	4.37	3.71	0.68
n	5	5	5	5	5	5	5	5	5	5
Mean	265.6	49.728	55.2	10.394	13.48	2.524	22.78	4.254	3.590	0.676
S.D.	64.5	12.161	9.9	2.187	1.38	0.224	3.60	0.556	0.255	0.066

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10105	1.51	0.27	1160	206.41	2.67	0.48	2.29	0.41
10106	1.44	0.26	892	162.48	2.57	0.47	2.19	0.40
10107	1.35	0.27	728	144.73	2.82	0.56	2.17	0.43
10108	1.44	0.28	574	112.33	2.07	0.41	2.25	0.44
10111	1.61	0.30	538	98.72	2.45	0.45	2.21	0.41
n	5	5	5	5	5	5	5	5
Mean	1.470	0.276	778.4	144.934	2.516	0.474	2.222	0.418
S.D.	0.097	0.015	255.3	42.679	0.284	0.055	0.048	0.016

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

Organ weight
Sex : Male
Stage : Recovery day 15
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10401	584	13.74	2.35	3.24	0.55	1.57	0.27	792	135.62
10402	527	13.97	2.65	3.66	0.69	1.45	0.28	703	133.40
10406	545	13.04	2.39	3.13	0.57	1.47	0.27	799	146.61
10409	502	12.13	2.42	2.89	0.58	1.32	0.26	716	142.63
10412	550	13.55	2.46	3.30	0.60	1.80	0.33	774	140.73
n	5	5	5	5	5	5	5	5	5
Mean	541.6	13.286	2.454	3.244	0.598	1.522	0.282	756.8	139.798
S.D.	30.3	0.732	0.117	0.280	0.054	0.179	0.028	44.4	5.331

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10401	303	51.88	68	11.64	11.3	1.93	32.3	5.53	3.84	0.66
10402	358	67.93	64	12.14	15.2	2.88	27.9	5.29	3.53	0.67
10406	221	40.55	84	15.41	13.3	2.44	29.2	5.36	3.78	0.69
10409	281	55.98	54	10.76	14.4	2.87	27.6	5.50	3.60	0.72
10412	366	66.55	63	11.45	12.1	2.20	32.3	5.87	3.93	0.71
n	5	5	5	5	5	5	5	5	5	5
Mean	305.8	56.578	66.6	12.280	13.26	2.464	29.86	5.510	3.736	0.690
S.D.	59.5	11.265	11.0	1.818	1.60	0.416	2.31	0.224	0.167	0.025

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10401	1.48	0.25	964	165.07	2.47	0.42	2.17	0.37
10402	1.33	0.25	937	177.80	2.61	0.50	2.31	0.44
10406	1.24	0.23	787	144.40	2.77	0.51	2.26	0.41
10409	1.42	0.28	1177	234.46	2.32	0.46	2.10	0.42
10412	1.53	0.28	920	167.27	2.05	0.37	2.13	0.39
n	5	5	5	5	5	5	5	5
Mean	1.400	0.258	957.0	177.800	2.444	0.452	2.194	0.406
S.D.	0.116	0.022	140.6	33.907	0.276	0.058	0.088	0.027

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

Organ weight
Sex : Female (satellite)
Stage : Recovery day 15
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50556	319	7.99	2.50	2.13	0.67	0.94	0.29	541	169.59
50557	269	6.76	2.51	1.70	0.63	0.89	0.33	519	192.94
50558	284	6.69	2.36	1.82	0.64	0.94	0.33	530	186.62
50559	294	8.49	2.89	2.11	0.72	1.05	0.36	465	158.16
50560	302	7.81	2.59	1.75	0.58	1.08	0.36	534	176.82
n	5	5	5	5	5	5	5	5	5
Mean	293.6	7.548	2.570	1.902	0.648	0.980	0.334	517.8	176.826
S.D.	18.8	0.792	0.197	0.204	0.052	0.081	0.029	30.6	13.751

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50556	406	127.27	70	21.94	21.7	6.80	19.9	6.24	116	36.36
50557	290	107.81	61	22.68	17.0	6.32	25.5	9.48	124	46.10
50558	325	114.44	87	30.63	16.5	5.81	20.0	7.04	95	33.45
50559	355	120.75	85	28.91	14.6	4.97	16.2	5.51	106	36.05
50560	273	90.40	84	27.81	16.1	5.33	16.9	5.60	82	27.15
n	5	5	5	5	5	5	5	5	5	5
Mean	329.8	112.134	77.4	26.394	17.18	5.846	19.70	6.774	104.6	35.822
S.D.	53.1	14.140	11.4	3.870	2.68	0.736	3.67	1.632	16.7	6.834

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50556	1747	547.65	2.08	0.65
50557	591	219.70	1.97	0.73
50558	534	188.03	1.96	0.69
50559	818	278.23	1.91	0.65
50560	802	265.56	1.94	0.64
n	5	5	5	5
Mean	898.4	299.834	1.972	0.672
S.D.	490.7	143.157	0.065	0.038

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

Organ weight
Sex : Female (satellite)
Stage : Recovery day 15
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50656	280	7.38	2.64	1.75	0.63	0.83	0.30	522	186.43
50657	280	6.64	2.37	1.86	0.66	0.88	0.31	580	207.14
50658	346	9.04	2.61	2.11	0.61	1.07	0.31	658	190.17
50659	300	5.93	1.98	1.70	0.57	0.83	0.28	419	139.67
50660	269	6.17	2.29	1.87	0.70	0.93	0.35	454	168.77
n	5	5	5	5	5	5	5	5	5
Mean	295.0	7.032	2.378	1.858	0.634	0.908	0.310	526.6	178.436
S.D.	30.6	1.251	0.269	0.158	0.049	0.100	0.025	96.2	25.601

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50656	251	89.64	61	21.79	16.2	5.79	27.7	9.89	77	27.50
50657	352	125.71	61	21.79	16.2	5.79	27.8	9.93	74	26.43
50658	341	98.55	68	19.65	20.5	5.92	20.7	5.98	128	36.99
50659	199	66.33	79	26.33	13.8	4.60	23.5	7.83	93	31.00
50660	260	96.65	65	24.16	15.4	5.72	21.2	7.88	66	24.54
n	5	5	5	5	5	5	5	5	5	5
Mean	280.6	95.376	66.8	22.744	16.42	5.564	24.18	8.302	87.6	29.292
S.D.	64.6	21.263	7.4	2.562	2.48	0.544	3.43	1.656	24.6	4.903

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50656	681	243.21	2.06	0.74
50657	648	231.43	1.96	0.70
50658	640	184.97	1.85	0.53
50659	744	248.00	1.97	0.66
50660	471	175.09	2.05	0.76
n	5	5	5	5
Mean	636.8	216.540	1.978	0.678
S.D.	101.3	34.050	0.085	0.091

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

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10101

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10102

Submandibular gland
Findings : Finding present
Infiltration, inflammatory cell
Slight
Finding Comment : unilateral : left

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, 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, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10103

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10104

Liver
Findings : Finding present
Vacuolation, hepatocyte, centrilobular
Slight

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Epididymis
Findings : Finding present
Granuloma, spermatic
Slight
Finding Comment : unilateral : left

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Urinary bladder, Testis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10109

Heart
Findings : Finding present
Infiltration, inflammatory cell, focal
Mild

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10110

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Moderate

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 10112

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : left

Testis
Findings : Finding present
Sertoli-cell-only tubule
Severe
Finding Comment : unilateral : left

Epididymis
Findings : Finding present
Decrease, spermatozoa
Severe
Finding Comment : unilateral : left
Cell debris, lumen
Slight
Finding Comment : unilateral : left
Granuloma, spermatic
Mild
Finding Comment : unilateral : right

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10403

Heart
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight

Pituitary gland
Findings : Finding present
Cyst, pars distalis
Mild

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10404

Testis
Findings : Finding present
Degeneration, seminiferous tubule
Slight
Finding Comment : unilateral : left ; Stage VIII/XII/III-VI, multi-nuclear cells

Epididymis
Findings : Finding present
Cell debris, lumen
Slight
Finding Comment : unilateral : left ; multi-nuclear cells

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10405 Infertility

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10407

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10408

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Mild

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10410

Lung
Findings : Finding present
Hemorrhage, focal
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 10411 Infertility

Prostate
Findings : Finding present
Inflammation, interstitium
Slight

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50151

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50152

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50153

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50154

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50155

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50156

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, 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 : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50157

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50158

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50159

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50160

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50161

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50162

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50451

Pancreas
Findings : Finding present
Atrophy, acinar cell, focal
Slight

Liver
Findings : Finding present
Necrosis, focal
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, 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 : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50452

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50453

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50454

Pancreas
Findings : Finding present
Atrophy, acinar cell, focal
Slight

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50455 Non-pregnancy

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50456

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50457

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50458

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50459

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50460

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : left

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Adrenal
Findings : Finding present
Hyperplasia, cortex, focal
Slight
Finding Comment : unilateral : right

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50461 Unsuccessful mating

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50462

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50551

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50552

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50553

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50554

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 0 mg/kg Animal No. : 50555

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50651

Lung
Findings : Finding present
Inflammation, focal
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50652

Ovary
Findings : Finding present
Cyst, lutein
Mild
Finding Comment : bilateral

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Pituitary gland
Findings : Finding present
Cyst, pars distalis
Slight

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

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

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50653

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50654

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : Ethylhexyl palmitate Dose : 1000 mg/kg Animal No. : 50655

Liver
Findings : Finding present
Vacuolation, hepatocyte, periportal
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Estrous cycles and copulation

Generation : F0 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50151	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50152	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50153	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50154	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50155	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50156	P	E	M	D	P	E	M	D	P	E	M	D	P	E	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	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50159	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50160	E	M	D	P	E	M	D	P	E	M	D	P	E	M	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	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50251	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50252	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50253	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50254	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50255	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50256	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50257	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50258	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50259	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50260	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50261	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50262	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50351	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50352	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50353	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50354	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50355	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50356	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50357	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50358	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50359	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50360	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50361	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50362	D	D	D	D	D	D	D	D	D	D	D	D	P	E					1	+

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50451	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50452	E	M	D	P	E	M	D	P	E	E	M	D	D	P	4	4		4.0	3	-
50453	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50454	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50455	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50456	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50457	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50458	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50459	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50460	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50461	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50462	P	E	M	D	D	P	E	E	M	D	P	E	M	D	5	5		5.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation
Generation : F0 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50151	P	E												
	N	Y												
50152	D	P	E											
	N	N	Y											
50153	D	P	E											
	N	N	Y											
50154	D	P	E											
	N	N	Y											
50155	M	D	P	E										
	N	N	N	Y										
50156	M	D	P	E										
	N	N	N	Y										
50157	D	P	E											
	N	N	Y											
50158	D	P	E											
	N	N	Y											
50159	D	P	E	M	D	P	E							
	N	N	N	N	N	N	Y							
50160	D	P	E											
	N	N	Y											
50161	D	P	E											
	N	N	Y											
50162	D	P	E											
	N	N	Y											

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus
Lower / Y : Completion in copulation, N : Incompletion in copulation,

Estrous cycles and copulation
Generation : F0 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50251	D	P	E											
	N	N	Y											
50252	M	D	P	E										
	N	N	N	Y										
50253	D	P	E											
	N	N	Y											
50254	D	P	E											
	N	N	Y											
50255	E													
	Y													
50256	D	P	E											
	N	N	Y											
50257	D	P	E											
	N	N	Y											
50258	D	P	E											
	N	N	Y											
50259	E													
	Y													
50260	D	P	E											
	N	N	Y											
50261	M	D	P	E										
	N	N	N	Y										
50262	P	E												
	N	Y												

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus
Lower / Y : Completion in copulation, N : Incompletion in copulation,

Estrous cycles and copulation

Generation : F0 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50351	D	P	E											
	N	N	Y											
50352	D	P	D	D	D	D	D	D	D	D	D	P	E	
	N	N	N	N	N	N	N	N	N	N	N	N	Y	
50353	E													
	Y													
50354	D	P	E											
	N	N	Y											
50355	D	P	E											
	N	N	Y											
50356	D	P	E											
	N	N	Y											
50357	D	P	E											
	N	N	Y											
50358	M	D	P	E										
	N	N	N	Y										
50359	E													
	Y													
50360	D	P	E											
	N	N	Y											
50361	E													
	Y													
50362	M	D	P	E										
	N	N	N	Y										

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation,

Estrous cycles and copulation

Generation : F0 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50451	D	P	E											
	N	N	Y											
50452	E													
	Y													
50453	E													
	Y													
50454	E													
	Y													
50455	E													
	Y													
50456	D	P	P	E										
	N	N	N	Y										
50457	M	D	P	E										
	N	N	N	Y										
50458	D	P	E											
	N	N	Y											
50459	D	P	E											
	N	N	Y											
50460	D	P	E											
	N	N	Y											
50461	M	D	D	D	D	D	D	D	D	D	D	D	D	P
	N	N	N	N	N	N	N	N	N	N	N	N	N	N
50462	D	P	E											
	N	N	Y											

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation,

Reproductive performance

Generation : F0 Sex : Male Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10101	2	50151	+	+	///	///	///	+	+
10102	3	50152	+	+	///	///	///	+	+
10103	3	50153	+	+	///	///	///	+	+
10104	3	50154	+	+	///	///	///	+	+
10105	4	50155	+	+	///	///	///	+	+
10106	4	50156	+	+	///	///	///	+	+
10107	3	50157	+	+	///	///	///	+	+
10108	3	50158	+	+	///	///	///	+	+
10109	7	50159	+	+	///	///	///	+	+
10110	3	50160	+	+	///	///	///	+	+
10111	3	50161	+	+	///	///	///	+	+
10112	3	50162	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.4								
S.D.	1.2								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10201	3	50251	+	+	///	///	///	+	+
10202	4	50252	+	+	///	///	///	+	+
10203	3	50253	+	+	///	///	///	+	+
10204	3	50254	+	+	///	///	///	+	+
10205	1	50255	+	+	///	///	///	+	+
10206	3	50256	+	+	///	///	///	+	+
10207	3	50257	+	+	///	///	///	+	+
10208	3	50258	+	+	///	///	///	+	+
10209	1	50259	+	+	///	///	///	+	+
10210	3	50260	+	+	///	///	///	+	+
10211	4	50261	+	+	///	///	///	+	+
10212	2	50262	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.8								
S.D.	1.0								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance
Generation : F0 Sex : Male Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10301	3	50351	+	+	///	///	///	+	+
10302	13	50352	+	+	///	///	///	+	+
10303	1	50353	+	+	///	///	///	+	+
10304	3	50354	+	+	///	///	///	+	+
10305	3	50355	+	+	///	///	///	+	+
10306	3	50356	+	+	///	///	///	+	+
10307	3	50357	+	+	///	///	///	+	+
10308	4	50358	+	+	///	///	///	+	+
10309	1	50359	+	+	///	///	///	+	+
10310	3	50360	+	+	///	///	///	+	+
10311	1	50361	+	+	///	///	///	+	+
10312	4	50362	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.5								
S.D.	3.2								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Male Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10401	3	50451	+	+	///	///	///	+	+
10402	1	50452	+	+	///	///	///	+	+
10403	1	50453	+	+	///	///	///	+	+
10404	1	50454	+	+	///	///	///	+	+
10405	1	50455	+	-	///	///	///	+	-
10406	4	50456	+	+	///	///	///	+	+
10407	4	50457	+	+	///	///	///	+	+
10408	3	50458	+	+	///	///	///	+	+
10409	3	50459	+	+	///	///	///	+	+
10410	3	50460	+	+	///	///	///	+	+
10411	-	50461	-	///	///	///	///	-	///
10412	3	50462	+	+	///	///	///	+	+
n	11		12	11		0	0	12	11
Mean	2.5								
S.D.	1.2								
No. of positives			11	10				11	10
%			91.7	90.9				91.7	90.9

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50151	2	10101	+	+	///	///	///	+	+
50152	3	10102	+	+	///	///	///	+	+
50153	3	10103	+	+	///	///	///	+	+
50154	3	10104	+	+	///	///	///	+	+
50155	4	10105	+	+	///	///	///	+	+
50156	4	10106	+	+	///	///	///	+	+
50157	3	10107	+	+	///	///	///	+	+
50158	3	10108	+	+	///	///	///	+	+
50159	7	10109	+	+	///	///	///	+	+
50160	3	10110	+	+	///	///	///	+	+
50161	3	10111	+	+	///	///	///	+	+
50162	3	10112	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.4								
S.D.	1.2								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : Ethylhexyl palmitate 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	3	10201	+	+	///	///	///	+	+
50252	4	10202	+	+	///	///	///	+	+
50253	3	10203	+	+	///	///	///	+	+
50254	3	10204	+	+	///	///	///	+	+
50255	1	10205	+	+	///	///	///	+	+
50256	3	10206	+	+	///	///	///	+	+
50257	3	10207	+	+	///	///	///	+	+
50258	3	10208	+	+	///	///	///	+	+
50259	1	10209	+	+	///	///	///	+	+
50260	3	10210	+	+	///	///	///	+	+
50261	4	10211	+	+	///	///	///	+	+
50262	2	10212	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.8								
S.D.	1.0								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50351	3	10301	+	+	///	///	///	+	+
50352	13	10302	+	+	///	///	///	+	+
50353	1	10303	+	+	///	///	///	+	+
50354	3	10304	+	+	///	///	///	+	+
50355	3	10305	+	+	///	///	///	+	+
50356	3	10306	+	+	///	///	///	+	+
50357	3	10307	+	+	///	///	///	+	+
50358	4	10308	+	+	///	///	///	+	+
50359	1	10309	+	+	///	///	///	+	+
50360	3	10310	+	+	///	///	///	+	+
50361	1	10311	+	+	///	///	///	+	+
50362	4	10312	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.5								
S.D.	3.2								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50451	3	10401	+	+	///	///	///	+	+
50452	1	10402	+	+	///	///	///	+	+
50453	1	10403	+	+	///	///	///	+	+
50454	1	10404	+	+	///	///	///	+	+
50455	1	10405	+	-	///	///	///	+	-
50456	4	10406	+	+	///	///	///	+	+
50457	4	10407	+	+	///	///	///	+	+
50458	3	10408	+	+	///	///	///	+	+
50459	3	10409	+	+	///	///	///	+	+
50460	3	10410	+	+	///	///	///	+	+
50461	-	10411	-	///	///	///	///	-	///
50462	3	10412	+	+	///	///	///	+	+
n	11		12	11		0	0	12	11
Mean	2.5								
S.D.	1.2								
No. of positives			11	10				11	10
%			91.7	90.9				91.7	90.9

/// : No need to input/measure

Delivery data
Generation : F0 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50151	22	16(10/6)	100.0	16	9	7	16	0	0	0	0
50152	22	16(8/8)	100.0	16	11	5	16	0	0	0	0
50153	23	16(7/9)	81.3	13	5	8	13	0	0	0	0
50154	22	16(7/9)	87.5	14	5	9	14	0	0	0	0
50155	23	16(11/5)	100.0	16	10	6	16	0	0	0	0
50156	22	17(8/9)	100.0	17	12	5	17	0	0	0	0
50157	22	19(10/9)	89.5	17	9	8	17	0	0	0	0
50158	23	15(7/8)	86.7	13	4	8	12	0	1	0	1
50159	23	16(9/7)	100.0	16	4	12	16	0	0	0	0
50160	22	17(10/7)	100.0	17	6	11	17	0	0	0	0
50161	22	10(10/0)	90.0	9	6	3	9	0	0	0	0
50162	22	16(7/9)	100.0	16	8	8	16	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.33	15.8	94.58	15.0	7.4	7.5	14.9	0.0	0.1	0.0	0.1
S.D.	0.49	2.1	7.01	2.4	2.8	2.5	2.5	0.0	0.3	0.0	0.3

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50251	23	12(7/5)	91.7	11	3	8	11	0	0	0	0
50252	22	17(12/5)	94.1	16	6	10	16	0	0	0	0
50253	22	18(8/10)	100.0	18	8	10	18	0	0	0	0
50254	22	18(12/6)	100.0	18	9	9	18	0	0	0	0
50255	22	18(8/10)	94.4	17	10	7	17	0	0	0	0
50256	22	19(6/13)	100.0	19	9	10	19	0	0	0	0
50257	22	17(11/6)	100.0	17	11	6	17	0	0	0	0
50258	22	15(3/12)	100.0	15	8	7	15	0	0	0	0
50259	22	15(6/9)	93.3	14	6	7	13	1	0	0	1
50260	22	15(9/6)	86.7	13	3	10	13	0	0	0	0
50261	22	17(7/10)	88.2	15	8	7	15	0	0	0	0
50262	22	15(5/10)	86.7	13	8	5	13	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.08	16.3	94.59	15.5	7.4	8.0	15.4	0.1	0.0	0.0	0.1
S.D.	0.29	2.0	5.41	2.4	2.5	1.8	2.5	0.3	0.0	0.0	0.3

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50351	23	14(8/6)	85.7	12	8	4	12	0	0	0	0
50352	23	11(8/3)	100.0	11	7	4	11	0	0	0	0
50353	22	17(7/10)	94.1	16	6	10	16	0	0	0	0
50354	23	14(8/6)	92.9	13	9	3	12	1	0	0	1
50355	23	15(7/8)	93.3	14	8	6	14	0	0	0	0
50356	22	17(9/8)	94.1	16	7	9	16	0	0	0	0
50357	22	15(7/8)	100.0	15	9	6	15	0	0	0	0
50358	22	15(7/8)	100.0	15	6	9	15	0	0	0	0
50359	22	13(6/7)	84.6	11	6	5	11	0	0	0	0
50360	22	15(9/6)	86.7	13	6	7	13	0	0	0	0
50361	22	16(9/7)	87.5	14	4	9	13	0	1	0	1
50362	22	17(10/7)	100.0	17	8	9	17	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.33	14.9	93.24	13.9	7.0	6.8	13.8	0.1	0.1	0.0	0.2
S.D.	0.49	1.8	5.97	2.0	1.5	2.4	2.1	0.3	0.3	0.0	0.4

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50451	22	14(5/9)	92.9	13	9	4	13	0	0	0	0
50452	22	17(7/10)	94.1	16	10	5	15	0	1	0	1
50453	23	15(8/7)	100.0	15	10	5	15	0	0	0	0
50454	23	12(6/6)	91.7	11	4	6	10	0	1	0	1
50456	23	16(7/9)	93.8	15	4	10	14	1	0	0	1
50457	23	16(9/7)	100.0	16	5	9	14	0	2	0	2
50458	22	15(7/8)	100.0	15	10	5	15	0	0	0	0
50459	23	17(7/10)	100.0	17	4	13	17	0	0	0	0
50460	23	15(9/6)	93.3	14	7	7	14	0	0	0	0
50462	23	16(10/6)	93.8	15	5	10	15	0	0	0	0
n	10	10	10	10	10	10	10	10	10	10	10
Mean	22.70	15.3	95.96	14.7	6.8	7.4	14.2	0.1	0.4	0.0	0.5
S.D.	0.48	1.5	3.54	1.7	2.7	3.0	1.8	0.3	0.7	0.0	0.7

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Derivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50151	16	No anomaly
50152	16	No anomaly
50153	13	No anomaly
50154	14	No anomaly
50155	16	No anomaly
50156	17	No anomaly
50157	17	No anomaly
50158	12	No anomaly
50159	16	No anomaly
50160	17	No anomaly
50161	9	No anomaly
50162	16	No anomaly
Total	179	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Derivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50251	11	No anomaly
50252	16	No anomaly
50253	18	No anomaly
50254	18	No anomaly
50255	17	No anomaly
50256	19	No anomaly
50257	17	No anomaly
50258	15	No anomaly
50259	13	No anomaly
50260	13	No anomaly
50261	15	No anomaly
50262	13	No anomaly
Total	185	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Derivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50351	12	No anomaly
50352	11	No anomaly
50353	16	No anomaly
50354	12	No anomaly
50355	14	No anomaly
50356	16	No anomaly
50357	15	No anomaly
50358	15	No anomaly
50359	11	No anomaly
50360	13	No anomaly
50361	13	No anomaly
50362	17	No anomaly
Total	165	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Derivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50451	13	No anomaly
50452	15	No anomaly
50453	15	No anomaly
50454	10	No anomaly
50456	14	No anomaly
50457	14	No anomaly
50458	15	No anomaly
50459	17	No anomaly
50460	14	No anomaly
50462	15	No anomaly
Total	142	
n	10	
Mean		
S.D.		

Mean : Average of incidence (%)

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50151	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/7	9/7	9/7	9/7	9/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50152	Alive :	Male	11	11	11	11	11	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	11/5	11/5	11/5	11/5	11/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50153	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/8	5/8	5/8	5/8	5/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50154	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/9	5/9	5/9	5/9	5/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50155	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/6	10/6	10/6	10/6	10/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50156	Alive :	Male	12	12	12	12	12	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	12/5	12/5	12/5	12/5	12/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50157	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/8	9/8	9/8	9/8	9/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50158	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/8	4/8	4/8	4/8	4/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50159	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	12	12	12	12	12	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/12	4/12	4/12	4/12	4/12	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50160	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	11	11	11	11	11	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/11	6/11	6/11	6/11	6/11	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50161	Alive :	Male	6	6	6	6	6	5	5	5	5	5	5	5
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/3	6/3	6/3	6/3	6/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3
50162	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	8	8	8	8	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/8	8/8	8/8	8/8	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50151	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50152	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50153	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50154	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50155	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50156	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50157	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50158	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50159	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50160	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50161	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3
50162	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50251	Alive :	Male	3	3	3	2	2	2	2	2	2	2	2	2
		Female	8	8	8	8	8	6	6	6	6	6	6	6
	Dead :	Dead	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	3/8	3/8	3/8	2/8	2/8	2/6	2/6	2/6	2/6	2/6	2/6	2/6
50252	Alive :	Male	6	6	6	6	5	3	3	3	3	3	3	3
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/10	6/10	6/10	6/10	5/10	3/4	3/4	3/4	3/4	3/4	3/4	3/4
50253	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/10	8/10	8/10	8/10	8/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50254	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/9	9/9	9/9	9/9	9/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50255	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/7	10/7	10/7	10/7	10/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50256	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/10	9/10	9/10	9/10	9/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50257	Alive :	Male	11	11	11	11	10	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	11/6	11/6	11/6	11/6	10/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50258	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	7	7	7	7	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/7	8/7	8/7	8/7	8/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50259	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/7	6/7	6/7	6/7	6/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50260	Alive :	Male	3	3	3	3	3	3	3	3	3	3	3	3
		Female	10	10	10	10	10	5	5	5	5	5	5	5
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	3/10	3/10	3/10	3/10	3/10	3/5	3/5	3/5	3/5	3/5	3/5	3/5
50261	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/7	8/7	8/7	8/7	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50262	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/5	8/5	8/5	8/5	8/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50251	Alive :	Male	2	2
		Female	6	6
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	2/6	2/6
50252	Alive :	Male	3	3
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	3/4	3/4
50253	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50254	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50255	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50256	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50257	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50258	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50259	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50260	Alive :	Male	3	3
		Female	5	5
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	3/5	3/5
50261	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50262	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50351	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/4	8/4	8/4	8/4	8/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50352	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/4	7/4	7/4	7/4	7/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50353	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/10	6/10	6/10	6/10	6/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50354	Alive :	Male	9	9	8	8	8	5	5	5	5	5	5	5
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/3	9/3	8/3	8/3	8/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3
50355	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	6	6	6	6	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/6	8/6	8/6	8/6	8/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50356	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/9	7/9	7/9	7/9	7/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50357	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/6	9/6	9/6	9/6	9/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50358	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/9	6/9	6/9	6/9	6/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50359	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/5	6/5	6/5	6/5	6/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50360	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/7	6/7	6/7	6/7	6/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50361	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/8	4/8	4/8	4/8	4/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
		Trauma	0/1	0/1	0/1	0/1	0/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0
50362	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	9	9	9	9	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/2/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/9	8/9	8/9	8/9	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50351	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50352	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50353	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50354	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3
50355	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50356	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50357	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50358	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50359	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50360	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50361	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
		Trauma	0/0	0/0
50362	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50451	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/4	9/4	9/4	9/4	9/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50452	Alive :	Male	10	10	10	10	9	4	4	4	4	4	4	4
		Female	5	5	5	5	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/5	10/5	10/5	10/5	9/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50453	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/5	10/5	10/5	10/5	10/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50454	Alive :	Male	4	0	0	0	0	0	0	0	0	0	0	0
		Female	6	2	2	2	2	2	2	2	2	2	2	2
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	2/1/1	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	1/2/1	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/6	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2	0/2
50456	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	10	10	10	10	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/10	4/10	4/10	4/10	4/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50457	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/9	5/9	5/9	5/9	5/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50458	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/5	10/5	10/5	10/5	10/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50459	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	13	13	13	13	13	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/13	4/13	4/13	4/13	4/13	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50460	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/7	7/7	7/7	7/7	7/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50462	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/10	5/10	5/10	5/10	5/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50451	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50452	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50453	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50454	Alive :	Male	0	0
		Female	2	2
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	0/2	0/2
50456	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50457	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50458	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50459	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50460	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50462	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Litter size and viability index of offspring

Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

	/Postnatal Day	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50151	Total	16	100.0	16	100.0	8	8	100.0
		(9/7)		(9/7)		(4/4)	(4/4)	
50152	Total	16	100.0	16	100.0	8	8	100.0
		(11/5)		(11/5)		(4/4)	(4/4)	
50153	Total	13	100.0	13	100.0	8	8	100.0
		(5/8)		(5/8)		(4/4)	(4/4)	
50154	Total	14	100.0	14	100.0	8	8	100.0
		(5/9)		(5/9)		(4/4)	(4/4)	
50155	Total	16	100.0	16	100.0	8	8	100.0
		(10/6)		(10/6)		(4/4)	(4/4)	
50156	Total	17	100.0	17	100.0	8	8	100.0
		(12/5)		(12/5)		(4/4)	(4/4)	
50157	Total	17	100.0	17	100.0	8	8	100.0
		(9/8)		(9/8)		(4/4)	(4/4)	
50158	Total	12	92.3	12	100.0	8	8	100.0
		(4/8)		(4/8)		(4/4)	(4/4)	
50159	Total	16	100.0	16	100.0	8	8	100.0
		(4/12)		(4/12)		(4/4)	(4/4)	
50160	Total	17	100.0	17	100.0	8	8	100.0
		(6/11)		(6/11)		(4/4)	(4/4)	
50161	Total	9	100.0	9	100.0	8	8	100.0
		(6/3)		(6/3)		(5/3)	(5/3)	
50162	Total	16	100.0	15	93.8	8	8	100.0
		(8/8)		(8/7)		(4/4)	(4/4)	
Total		179		178		96	96	
Male/Female		89/90		89/89		49/47	49/47	
n		12	12	12	12	12	12	12
Mean			99.36		99.48			100.00
S.D.			2.22		1.79			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

	/Postnatal Day	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50251	Total	11	100.0	10	90.9	8	8	100.0
		(3/8)		(2/8)		(2/6)	(2/6)	
50252	Total	16	100.0	15	93.8	8	7	87.5
		(6/10)		(5/10)		(4/4)	(3/4)	
50253	Total	18	100.0	18	100.0	8	8	100.0
		(8/10)		(8/10)		(4/4)	(4/4)	
50254	Total	18	100.0	18	100.0	8	8	100.0
		(9/9)		(9/9)		(4/4)	(4/4)	
50255	Total	17	100.0	17	100.0	8	8	100.0
		(10/7)		(10/7)		(4/4)	(4/4)	
50256	Total	19	100.0	19	100.0	8	8	100.0
		(9/10)		(9/10)		(4/4)	(4/4)	
50257	Total	17	100.0	16	94.1	8	8	100.0
		(11/6)		(10/6)		(4/4)	(4/4)	
50258	Total	15	100.0	14	93.3	8	8	100.0
		(8/7)		(8/6)		(4/4)	(4/4)	
50259	Total	13	92.9	13	100.0	8	8	100.0
		(6/7)		(6/7)		(4/4)	(4/4)	
50260	Total	13	100.0	13	100.0	8	8	100.0
		(3/10)		(3/10)		(3/5)	(3/5)	
50261	Total	15	100.0	15	100.0	8	8	100.0
		(8/7)		(8/7)		(4/4)	(4/4)	
50262	Total	13	100.0	13	100.0	8	8	100.0
		(8/5)		(8/5)		(4/4)	(4/4)	
Total		185		181		96	95	
Male/Female		89/96		86/95		45/51	44/51	
n		12	12	12	12	12	12	12
Mean			99.41		97.68			98.96
S.D.			2.05		3.52			3.61

Litter size and viability index of offspring

Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

	/Postnatal Day	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50351	Total	12	100.0	12	100.0	8	8	100.0
		(8/4)		(8/4)		(4/4)	(4/4)	
50352	Total	11	100.0	11	100.0	8	8	100.0
		(7/4)		(7/4)		(4/4)	(4/4)	
50353	Total	16	100.0	16	100.0	8	8	100.0
		(6/10)		(6/10)		(4/4)	(4/4)	
50354	Total	12	92.3	11	91.7	8	8	100.0
		(9/3)		(8/3)		(5/3)	(5/3)	
50355	Total	14	100.0	13	92.9	8	8	100.0
		(8/6)		(8/5)		(4/4)	(4/4)	
50356	Total	16	100.0	16	100.0	8	8	100.0
		(7/9)		(7/9)		(4/4)	(4/4)	
50357	Total	15	100.0	15	100.0	8	8	100.0
		(9/6)		(9/6)		(4/4)	(4/4)	
50358	Total	15	100.0	15	100.0	8	8	100.0
		(6/9)		(6/9)		(4/4)	(4/4)	
50359	Total	11	100.0	11	100.0	8	8	100.0
		(6/5)		(6/5)		(4/4)	(4/4)	
50360	Total	13	100.0	13	100.0	8	8	100.0
		(6/7)		(6/7)		(4/4)	(4/4)	
50361	Total	13	92.9	13	100.0	8	8	100.0
		(4/9)		(4/9)		(4/4)	(4/4)	
50362	Total	17	100.0	15	88.2	8	8	100.0
		(8/9)		(8/7)		(4/4)	(4/4)	
Total		165		161		96	96	
Male/Female		84/81		83/78		49/47	49/47	
n		12	12	12	12	12	12	12
Mean			98.77		97.73			100.00
S.D.			2.88		4.23			0.00

Litter size and viability index of offspring

Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

	/Postnatal Day	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50451	Total	13	100.0	13	100.0	8	8	100.0
		(9/4)		(9/4)		(4/4)	(4/4)	
50452	Total	15	93.8	13	86.7	8	8	100.0
		(10/5)		(9/4)		(4/4)	(4/4)	
50453	Total	15	100.0	15	100.0	8	8	100.0
		(10/5)		(10/5)		(4/4)	(4/4)	
50454	Total	10	90.9	2	20.0	2	2	100.0
		(4/6)		(0/2)		(0/2)	(0/2)	
50456	Total	14	93.3	13	92.9	8	8	100.0
		(4/10)		(4/9)		(4/4)	(4/4)	
50457	Total	14	87.5	14	100.0	8	8	100.0
		(5/9)		(5/9)		(4/4)	(4/4)	
50458	Total	15	100.0	15	100.0	8	8	100.0
		(10/5)		(10/5)		(4/4)	(4/4)	
50459	Total	17	100.0	17	100.0	8	8	100.0
		(4/13)		(4/13)		(4/4)	(4/4)	
50460	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
50462	Total	15	100.0	15	100.0	8	8	100.0
		(5/10)		(5/10)		(4/4)	(4/4)	
Total		142		131		74	74	
Male/Female		68/74		63/68		36/38	36/38	
n		10	10	10	10	10	10	10
Mean			96.55		89.96			100.00
S.D.			4.75		24.99			0.00

Litter data on body weight of offspring

Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50151	Male	9	6.44	9	9.89	4	18.03	4	35.45
	Female	7	6.23	7	9.70	4	16.95	4	33.18
50152	Male	11	6.97	11	10.55	4	18.68	4	34.73
	Female	5	6.36	5	9.12	4	15.85	4	31.83
50153	Male	5	7.94	5	12.14	4	20.08	4	35.68
	Female	8	7.31	8	10.89	4	18.60	4	34.48
50154	Male	5	7.00	5	10.48	4	19.05	4	36.08
	Female	9	6.40	9	9.77	4	17.78	4	35.63
50155	Male	10	6.59	10	10.84	4	19.00	4	35.93
	Female	6	6.58	6	10.55	4	19.15	4	36.80
50156	Male	12	6.40	12	9.56	4	16.95	4	34.30
	Female	5	6.12	5	8.86	4	15.58	4	32.95
50157	Male	9	6.16	9	9.68	4	17.40	4	34.65
	Female	8	5.86	8	8.54	4	15.25	4	31.55
50158	Male	4	7.78	4	12.88	4	22.35	4	39.03
	Female	8	7.29	8	12.06	4	21.40	4	37.53
50159	Male	4	7.75	4	12.13	4	21.50	4	41.70
	Female	12	7.23	12	11.76	4	20.85	4	40.05
50160	Male	6	6.38	6	10.10	4	17.90	4	35.95
	Female	11	6.15	11	9.29	4	16.93	4	34.90
50161	Male	6	7.37	6	12.68	5	20.34	5	36.98
	Female	3	6.50	3	10.73	3	17.13	3	33.23
50162	Male	8	5.98	8	9.41	4	16.83	4	33.18
	Female	8	5.51	7	8.53	4	15.58	4	31.18
n	Male	89		89		49		49	
	Female	90		89		47		47	
Mean	Male		6.897		10.862		19.009		36.138
	Female		6.462		9.983		17.588		34.443
S.D.	Male		0.677		1.264		1.762		2.278
	Female		0.569		1.205		2.051		2.685

Litter data on body weight of offspring
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50251	Male	3	8.17	2	13.90	2	22.25	2	38.75
	Female	8	7.59	8	12.84	6	20.33	6	36.35
50252	Male	6	6.12	5	8.22	3	16.27	3	34.83
	Female	10	5.78	10	8.11	4	15.18	4	33.18
50253	Male	8	6.21	8	9.04	4	15.83	4	31.08
	Female	10	5.89	10	8.53	4	15.53	4	30.75
50254	Male	9	5.76	9	9.03	4	17.78	4	34.93
	Female	9	5.56	9	8.64	4	16.68	4	32.38
50255	Male	10	6.26	10	9.78	4	18.25	4	35.75
	Female	7	5.56	7	8.60	4	16.78	4	33.28
50256	Male	9	6.44	9	9.30	4	18.28	4	35.70
	Female	10	6.26	10	9.00	4	17.83	4	35.98
50257	Male	11	6.17	10	9.58	4	16.88	4	33.10
	Female	6	6.00	6	9.02	4	15.73	4	31.20
50258	Male	8	6.06	8	7.50	4	11.33	4	24.73
	Female	7	5.99	6	7.72	4	11.53	4	24.18
50259	Male	6	6.43	6	10.55	4	17.40	4	33.25
	Female	7	6.30	7	10.29	4	17.80	4	33.80
50260	Male	3	6.33	3	9.77	3	16.63	3	31.63
	Female	10	6.43	10	9.40	5	16.08	5	31.04
50261	Male	8	6.60	8	8.35	4	17.00	4	35.13
	Female	7	6.31	7	7.84	4	14.90	4	31.83
50262	Male	8	6.66	8	10.55	4	18.30	4	34.73
	Female	5	6.20	5	9.78	4	17.35	4	34.13
n	Male	89		86		44		44	
	Female	96		95		51		51	
Mean	Male		6.434		9.631		17.183		33.634
	Female		6.156		9.148		16.310		32.342
S.D.	Male		0.599		1.622		2.468		3.460
	Female		0.536		1.388		2.116		3.142

Litter data on body weight of offspring

Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50351	Male	8	7.78	8	12.23	4	21.10	4	41.03
	Female	4	7.68	4	12.18	4	20.08	4	38.95
50352	Male	7	7.97	7	13.00	4	21.55	4	39.33
	Female	4	7.38	4	11.68	4	19.23	4	36.20
50353	Male	6	6.38	6	10.23	4	18.20	4	36.58
	Female	10	5.87	10	9.12	4	16.48	4	33.95
50354	Male	9	7.07	8	11.13	5	18.22	5	35.34
	Female	3	6.67	3	10.43	3	16.80	3	33.60
50355	Male	8	7.74	8	12.99	4	21.33	4	37.98
	Female	6	7.12	5	11.76	4	19.13	4	34.43
50356	Male	7	6.56	7	9.26	4	16.70	4	32.15
	Female	9	6.21	9	9.62	4	16.35	4	32.48
50357	Male	9	6.81	9	9.51	4	15.93	4	32.03
	Female	6	6.07	6	8.45	4	14.35	4	28.75
50358	Male	6	6.37	6	10.23	4	18.75	4	36.63
	Female	9	6.04	9	9.29	4	17.85	4	35.38
50359	Male	6	6.10	6	10.82	4	17.83	4	32.85
	Female	5	5.78	5	10.36	4	17.40	4	32.58
50360	Male	6	6.73	6	11.23	4	19.10	4	39.68
	Female	7	6.30	7	10.49	4	18.65	4	38.50
50361	Male	4	6.73	4	10.98	4	18.90	4	36.15
	Female	9	6.51	9	10.41	4	18.53	4	35.63
50362	Male	8	6.63	8	10.20	4	17.85	4	32.58
	Female	9	5.90	7	8.83	4	15.75	4	30.25
n	Male	84		83		49		49	
	Female	81		78		47		47	
Mean	Male		6.906		10.984		18.788		36.028
	Female		6.461		10.218		17.550		34.225
S.D.	Male		0.610		1.230		1.772		3.122
	Female		0.629		1.207		1.669		3.013

Litter data on body weight of offspring

Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Unit : g Species : Rat

		/Postnatal Day							
		0		4		7		13	
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50451	Male	9	6.41	9	10.84	4	18.68	4	37.00
	Female	4	6.38	4	10.95	4	18.63	4	37.58
50452	Male	10	6.01	9	8.53	4	16.03	4	32.55
	Female	5	6.02	4	9.15	4	14.68	4	30.33
50453	Male	10	7.01	10	10.56	4	18.05	4	33.15
	Female	5	6.72	5	9.80	4	17.40	4	32.78
50454	Male	4	6.60	0		0		0	
	Female	6	6.23	2	8.20	2	11.80	2	21.95
50456	Male	4	7.45	4	11.48	4	18.93	4	35.05
	Female	10	6.83	9	10.69	4	18.08	4	34.43
50457	Male	5	7.22	5	11.46	4	19.40	4	36.98
	Female	9	6.60	9	10.50	4	18.43	4	36.23
50458	Male	10	6.43	10	10.09	4	19.15	4	37.60
	Female	5	6.02	5	9.84	4	18.70	4	36.93
50459	Male	4	7.23	4	11.63	4	20.00	4	36.75
	Female	13	6.54	13	10.11	4	18.28	4	34.80
50460	Male	7	7.37	7	11.49	4	20.58	4	38.58
	Female	7	6.84	7	11.04	4	19.45	4	36.50
50462	Male	5	7.50	5	10.84	4	17.98	4	34.23
	Female	10	6.84	10	10.42	4	17.90	4	33.88
n	Male	68		63		36		36	
	Female	74		68		38		38	
Mean	Male		6.923		10.769		18.756		35.766
	Female		6.502		10.070		17.335		33.541
S.D.	Male		0.521		0.986		1.323		2.101
	Female		0.325		0.874		2.325		4.613

Litter data on anogenital distance of offspring

Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50151	Male	9	5.721	2.667
	Female	7	2.804	1.314
50152	Male	11	5.875	2.679
	Female	5	2.882	1.380
50153	Male	5	6.120	2.662
	Female	8	2.960	1.336
50154	Male	5	5.962	2.728
	Female	9	2.958	1.384
50155	Male	10	5.603	2.536
	Female	6	2.667	1.220
50156	Male	12	5.401	2.548
	Female	5	2.682	1.296
50157	Male	9	5.628	2.643
	Female	8	2.859	1.399
50158	Male	4	6.188	2.643
	Female	8	3.020	1.319
50159	Male	4	6.083	2.648
	Female	12	2.795	1.230
50160	Male	6	5.508	2.553
	Female	11	2.843	1.356
50161	Male	6	6.055	2.597
	Female	3	2.943	1.333
50162	Male	8	5.473	2.594
	Female	7	2.756	1.351
n	Male	89		
	Female	89		
Mean	Male		5.8014	2.6248
	Female		2.8474	1.3265
S.D.	Male		0.2789	0.0592
	Female		0.1120	0.0563

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50251	Male	2	6.010	2.510
	Female	8	2.931	1.254
50252	Male	5	5.294	2.634
	Female	10	2.631	1.308
50253	Male	8	5.698	2.739
	Female	10	2.840	1.392
50254	Male	9	5.594	2.697
	Female	9	2.818	1.376
50255	Male	10	5.824	2.727
	Female	7	2.897	1.416
50256	Male	9	5.621	2.674
	Female	10	2.734	1.318
50257	Male	10	5.534	2.608
	Female	6	2.693	1.298
50258	Male	8	5.130	2.626
	Female	6	2.530	1.285
50259	Male	6	5.958	2.717
	Female	7	2.900	1.336
50260	Male	3	5.610	2.630
	Female	10	2.819	1.336
50261	Male	8	5.175	2.561
	Female	7	2.709	1.367
50262	Male	8	5.721	2.609
	Female	5	2.638	1.234
n	Male	86		
	Female	95		
Mean	Male		5.5974	2.6443
	Female		2.7617	1.3267
S.D.	Male		0.2813	0.0694
	Female		0.1254	0.0550

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50351	Male	8	5.950	2.588
	Female	4	3.068	1.333
50352	Male	7	5.571	2.371
	Female	4	2.705	1.193
50353	Male	6	5.742	2.650
	Female	10	2.798	1.340
50354	Male	8	5.829	2.614
	Female	3	2.863	1.310
50355	Male	8	6.453	2.748
	Female	5	3.140	1.382
50356	Male	7	5.787	2.771
	Female	9	2.940	1.382
50357	Male	9	5.843	2.761
	Female	6	2.828	1.390
50358	Male	6	5.808	2.677
	Female	9	2.860	1.362
50359	Male	6	5.912	2.672
	Female	5	3.058	1.402
50360	Male	6	5.892	2.633
	Female	7	3.133	1.431
50361	Male	4	6.103	2.745
	Female	9	2.858	1.308
50362	Male	8	5.638	2.601
	Female	7	2.773	1.344
n	Male	83		
	Female	78		
Mean	Male		5.8773	2.6526
	Female		2.9187	1.3481
S.D.	Male		0.2286	0.1097
	Female		0.1468	0.0614

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50451	Male	9	6.367	2.878
	Female	4	3.385	1.525
50452	Male	9	5.399	2.651
	Female	4	2.813	1.345
50453	Male	10	5.814	2.652
	Female	5	2.816	1.314
50454	Male	0		
	Female	2	2.735	1.355
50456	Male	4	5.980	2.653
	Female	9	2.823	1.283
50457	Male	5	5.644	2.506
	Female	9	2.694	1.232
50458	Male	10	5.833	2.702
	Female	5	3.070	1.432
50459	Male	4	6.020	2.658
	Female	13	2.788	1.293
50460	Male	7	6.011	2.664
	Female	7	2.937	1.324
50462	Male	5	5.632	2.546
	Female	10	2.859	1.310
n	Male	63		
	Female	68		
Mean	Male		5.8556	2.6567
	Female		2.8920	1.3413
S.D.	Male		0.2814	0.1038
	Female		0.2026	0.0829

AGD : Anogenital Distance

Litter data on nipple retention of male offspring

Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50151	Male	4	0.0
50152	Male	4	0.0
50153	Male	4	0.0
50154	Male	4	0.0
50155	Male	4	0.0
50156	Male	4	0.0
50157	Male	4	0.0
50158	Male	4	0.0
50159	Male	4	0.0
50160	Male	4	0.0
50161	Male	5	0.0
50162	Male	4	0.0
n	Male	49	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50251	Male	2	0.0
50252	Male	3	0.0
50253	Male	4	0.0
50254	Male	4	0.0
50255	Male	4	0.0
50256	Male	4	0.0
50257	Male	4	0.0
50258	Male	4	0.0
50259	Male	4	0.0
50260	Male	3	0.0
50261	Male	4	0.0
50262	Male	4	0.0
n	Male	44	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50351	Male	4	0.0
50352	Male	4	0.0
50353	Male	4	0.0
50354	Male	5	0.0
50355	Male	4	0.0
50356	Male	4	0.0
50357	Male	4	0.0
50358	Male	4	0.0
50359	Male	4	0.0
50360	Male	4	0.0
50361	Male	4	0.0
50362	Male	4	0.0
n	Male	49	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50451	Male	4	0.0
50452	Male	4	0.0
50453	Male	4	0.0
50456	Male	4	0.0
50457	Male	4	0.0
50458	Male	4	0.0
50459	Male	4	0.0
50460	Male	4	0.0
50462	Male	4	0.0
n	Male	36	
Mean			0.00
S.D.			0.00

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Ethylhexyl palmitate 0 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50151	52.0
50152	55.3
50153	61.5
50154	54.1
50155	48.5
50156	42.8
50157	49.0
50158	63.5
50159	48.9
50160	44.8
50161	49.3
50162	50.0
n	12
Mean	51.64
S.D.	6.14

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Ethylhexyl palmitate 100 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50251	58.5
50252	42.5
50253	44.1
50254	49.8
50255	47.3
50256	43.8
50257	53.6
50258	37.0
50259	54.2
50260	46.4
50261	46.6
50262	47.4
n	12
Mean	47.60
S.D.	5.81

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Ethylhexyl palmitate 300 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50351	61.7
50352	50.1
50353	52.1
50354	55.2
50355	56.5
50356	49.6
50357	48.5
50358	57.3
50359	48.0
50360	40.0
50361	50.0
50362	58.3
n	12
Mean	52.28
S.D.	5.85

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : Ethylhexyl palmitate 1000 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50451	53.8
50452	46.1
50453	54.9
50454	41.9
50456	59.3
50457	52.7
50458	55.5
50459	52.9
50460	56.4
50462	48.5
n	10
Mean	52.20
S.D.	5.23

Necropsy findings of offspring
Generation : F1 Dose : Ethylhexyl palmitate 0 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50151	8	Absent	0	
50152	8	Absent	0	
50153	8	Absent	0	
50154	8	Absent	0	
50155	8	Absent	0	
50156	8	Absent	0	
50157	8	Absent	0	
50158	8	Absent	1 [a]	Absent (Day 0)
50159	8	Absent	0	
50160	8	Absent	0	
50161	8	Absent	0	
50162	8	Absent	0	
Total	96		1	
n	12		1	

a : Showed partial loss of the body because of maternal cannibalism

Necropsy findings of offspring
Generation : F1 Dose : Ethylhexyl palmitate 100 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50251	8	Absent	1	Absent (Day 3)
50252	7	Absent	2	1, Absent (Day 4); 1, Absent (Day 5)
50253	8	Absent	0	
50254	8	Absent	0	
50255	8	Absent	0	
50256	8	Absent	0	
50257	8	Absent	0	
50258	8	Absent	1	Absent (Day 4)
50259	8	Absent	1	Absent (Day 0)
50260	8	Absent	0	
50261	8	Absent	0	
50262	8	Absent	0	
Total	95		5	
n	12		4	

Necropsy findings of offspring
Generation : F1 Dose : Ethylhexyl palmitate 300 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50351	8	Absent	0	
50352	8	Absent	0	
50353	8	Absent	0	
50354	8	Absent	2	1, Absent (Day 0); 1, Absent (Day 2)
50355	8	Absent	0	
50356	8	Absent	0	
50357	8	Absent	0	
50358	8	Absent	0	
50359	8	Absent	0	
50360	8	Absent	0	
50361	8	Absent	1	Absent (Day 0)
50362	8	Absent	0	
Total	96		3	
n	12		2	

Necropsy findings of offspring
Generation : F1 Dose : Ethylhexyl palmitate 1000 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50451	8	Absent	0	
50452	8	Absent	1	Absent (Day 0)
50453	8	Absent	0	
50454	2	Absent	5	1, Absent (Day 0); 4[a,b], Absent (Day 1)
50456	8	Absent	1	Absent (Day 0)
50457	8	Absent	2 [a]	Absent (Day 0)
50458	8	Absent	0	
50459	8	Absent	0	
50460	8	Absent	0	
50462	8	Absent	0	
Total	74		9	
n	10		4	

a : Showed partial loss of the body because of maternal cannibalism.
b : Sex of 1 of 4 offspring was indistinguishable because of loss of the genital glands.

[redacted]

試験成績書

2021年07月30日

[redacted]

製品名：[redacted]				
製品コード：[redacted] CAS RN：29806-73-3	等級：	製品ロット：[redacted]	判定：合格	

項目	結果	規格値
外観	無色透明液体	無色～うすい黄色透明液体
純度(GC)	98.8 %	98.0 %以上
比重 (20/20)	0.8597	0.8550～0.8650

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。
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試験場所報告書

試験場所試験名

調製液中の 2-エチルヘキサン-1-イル=パルミタートの

安定性試験および濃度確認試験

著 者
[redacted]

試験場所試験終了日
2022 年 1 月 19 日

試験場所
株式会社日曹分析センター 小田原事業所
〒250-0216 神奈川県小田原市高田 345

試験施設
株式会社化合物安全性研究所 安全性研究部
〒004-0839 北海道札幌市清田区真栄 363 番地 24

試験場所試験番号
NCAS 21-148

TRUE COPY OF ORIGINAL
1/24/22 [redacted]

GLP 適合陳述書

試験場所試験番号： NCAS 21-148

試験場所試験名： 調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性試験および濃度確認試験

この試験は、以下の GLP に従って実施した。
「新規化学物質等に係る試験を実施する試験施設に関する基準について」(平成 23 年 3 月 31 日 薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号)

この試験はここに述べられた方法により行われ、この試験場所報告書は試験実施により得られた生データを正確に反映したものである。

試験主任者： [redacted] 2022 年 1 月 19 日

株式会社日曹分析センター 小田原事業所

信頼性保証書

試験場所試験番号：NCAS 21-148
試験場所試験名： 調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性試験および濃度確認試験

上記試験の信頼性保証に関する監査および査察を適用 GLP 規則および信頼性保証部門（QAU）の標準操作手順書（SOP）に基づいて実施した。監査および査察の結果は、以下の日付で運営管理者、試験責任者、主信頼性保証部門責任者、試験場所管理責任者および試験主任者へ報告した。

監査または査察項目	日付（月／日／年）	
	監査または査察日	報告日
試験場所計画書	9/22/2021	9/22/2021
試験場所計画書変更届 1	10/11/2021	10/11/2021
実験操作		
・赤外吸収スペクトル測定	9/30, 10/1/2021	10/1/2021
・標準原液の調製	9/30, 10/1/2021	10/1/2021
・標準溶液の調製	9/30, 10/1/2021	10/1/2021
・GC 測定	9/30, 10/1/2021	10/1/2021
・被験溶液の調製（安定性試験）	9/30, 10/1/2021	10/1/2021
・調製液の受領	10/11, 12/2021	10/12/2021
・被験溶液の調製（濃度測定）	10/11, 12/2021	10/12/2021
生データおよび試験関連資料	12/28/2021-1/5/2022	1/6/2022
試験場所報告書草案	12/28/2021-1/5/2022	1/6/2022
試験場所報告書	1/19/2022	1/19/2022

QAU は上記監査および査察の結果、本試験が試験計画書および SOP に従って実施され、報告された方法や手順が実際に使われたものであり、試験の実施過程において得られた生データが正確に試験場所報告書に反映されていることを確認した。

試験場所 QAU 責任者 [redacted] 2022年 1月 19日

株式会社日曹分析センター（NCAS）

試験情報

試験番号： SR21141
試験場所試験番号： NCAS 21-148
試験名： 2-エチルヘキサン-1-イル=パルミタートのラットにおける反復投与毒性・生殖発生毒性併合試験
試験場所試験名： 調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性試験および濃度確認試験
試験場所報告書番号： NCAS 21-148

試験施設： 株式会社化合物安全性研究所 安全性研究部
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試験場所： 株式会社日曹分析センター 小田原事業所
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TEL 0465-42-3115 FAX 0465-42-3586

試験責任者：
試験主任者：
試験従事者：
[redacted]

委託された試験段階：被験物質の安定性、投与液の安定性および濃度分析

試験開始日： 2021 年 9 月 17 日
試験場所試験開始日： 2021 年 9 月 22 日
実験開始日： 2021 年 9 月 30 日
実験終了日： 2021 年 12 月 20 日
試験場所試験終了日： 2022 年 1 月 19 日

適用ガイドライン：なし

関連する試験： 試験番号：NCAS 21-147NG
試験名：調製液中の 2-エチルヘキサン-1-イル=パルミタートの分析法検討および分析法確認試験
試験責任者：[redacted]

試資料保管： 試験場所試験に関する全ての文書は、当試験場所の資料室に該当通知後 10 年間保管する。その後の保管場所については、試験施設と協議して決定する。測定対象物質(保管用サンプル)は該当通知後 10 年間保管する。ただし、その品質が評価に耐えられなくなった場合はそれまでとする。

SOP および試験計画書からの逸脱：
本試験において、SOP および試験計画書からの逸脱はなかった。

試験番号 SR21141

試験場所報告書番号 NCAS 21-148

試験成績の信頼性に影響を及ぼしたと思われる環境要因：

本試験において、試験成績の信頼性に影響を及ぼしたと思われる環境要因はなかった。

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概要

株式会社化合物安全性研究所で実施された 2-エチルヘキサン-1-イル=パルミタートのラットにおける反復投与毒性・生殖発生毒性併合試験で得られた、調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性試験および濃度確認試験を実施した。

測定対象物質の送付状、検査成績書、試薬瓶ラベル、および化合物管理シートにより、測定対象物質の名称、CAS No.、ロット番号の一致を確認し、測定対象物質の同一性確認とした。

2021 年 9 月 30 日に FT-IR (ATR 法) を用いて測定対象物質の IR スペクトルを測定した。

調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性を確認するため、20 mg/mL および 200 mg/mL 模擬調製液を 2021 年 9 月 30 日に試験場所で調製し、ガスクロマトグラフ (GC) を用いて調製直後の測定対象物質濃度を確認した。これら模擬調製液を冷蔵で 10 日間および室温で 21 時間保存した。2021 年 10 月 11 日に GC を用いて保存後の測定対象物質濃度を確認した。調製直後および保存後の模擬調製液中の測定対象物質濃度を比較して、残存率を算出した結果、20 mg/mL 模擬調製液の残存率は 103.9%、200 mg/mL 模擬調製液の残存率は 102.8% であり、判定基準 (100%±15%以内) を満たした。

以上の結果、20 mg/mL および 200 mg/mL 模擬調製液中の 2-エチルヘキサン-1-イル=パルミタートは調製後、冷蔵保存 10 日間および室温保管 21 時間後まで安定であることを確認した。

試験施設が実施する毒性試験における初回および最終回投与に用いた調製液を、試験施設より 2021 年 10 月 11 日および 2021 年 11 月 8 日に受領し、それら調製液中の測定対象物質の濃度確認試験を、GC を用いて行った。調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および 15%以内であり、判定基準を満たした (下表参照)。

以上の結果、調製液中の 2-エチルヘキサン-1-イル=パルミタートが設定濃度に調製されていることを確認した。

試験施設が実施する毒性試験における最終投与日以降の 2021 年 12 月 20 日に、測定対象物質の IR スペクトルを測定し、2021 年 9 月 30 日に測定した IR スペクトルと比較した。両者の IR スペクトルは一致しており、実験期間中の測定対象物質が安定であったことを確認した。

Received date	Nominal concentration (mg/mL)	Determined concentration		Criteria	
		Mean (mg/mL)	RSD* (%)	Mean conc. (mg/mL)	RSD* (%)
October 11, 2021	20	20.72	0.2	20±3	≦15
	60	60.92	1.1	60±9	≦15
	200	198.0	0.4	200±30	≦15
November 8, 2021	20	19.63	0.7	20±3	≦15
	60	58.56	0.3	60±9	≦15
	200	197.0	0.3	200±30	≦15

* relative standard deviations

緒言

株式会社化合物安全性研究所で実施された 2-エチルヘキサン-1-イル=パルミタートのラットにおける反復投与毒性・生殖発生毒性併合試験で得られた、調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性試験・濃度確認試験および測定対象物質の 2-エチルヘキサン-1-イル=パルミタートの同一性確認・安定性確認を実施した。

実験材料および方法

1. 測定対象物質

名称： 2-エチルヘキサン-1-イル=パルミタート
英名： 2-Ethylhexyl Palmitate
CAS No.： 29806-73-3
分子式： $C_{24}H_{48}O_2$
分子量： 368.65
ロット番号：
入手先：
入手日： 2021 年 8 月 19 日
純度： 98.8%([redacted]試験成績書)
有効期限： 2022 年 8 月 19 日
入手量： 250 g
NCAS 検索番号： STD-1796
保存条件： 褐色ガラス瓶、冷蔵、要不活性ガス充填
外観： 無色透明液体

2. 試薬および機器

トウモロコシ油： 試薬(Reagent)、ナカライテスク株式会社
アセトン： HPLC 用、富士フイルム和光純薬(株)
天秤： XPR225、メトラー・トレド(株)
冷凍冷蔵庫： FKEX-5000、日本フリーザー(株)
サーモレコーダー： RTR-52、(株)ティアンドデイ
マイクロピペット： 100-1000 µL、Gilson microman
フーリエ変換赤外分光光度計(FT-IR)：Nicolet Summit、Thermo Fisher SCIENTIFIC(株)
ガスクロマトグラフ(GC)：Agilent 7890 GC、Agilent Technologies
水素発生装置： NM-H100、(株)エアーテック
カラム： HP-5MS、30 m×0.25 mm i.d.、膜厚 0.25 µm、Serial No. USC228822H、Agilent Technologies

3. 調製液

2021 年 10 月 11 日および 2021 年 11 月 8 日に、毒性試験施設で調製した 20、60 および 200 mg/mL の調製液を冷蔵条件で受領した。受領した試料は即日分析した。残余試料は試験委託者の了解を得て廃棄した。

	調製日(毒性試験施設)	受領日(試験場所)
初回調製	2021年10月8日	2021年10月11日
最終回調製	2021年11月5日	2021年11月8日

4. 実験操作

4.1. IR測定

2021年9月30日に、次の条件で測定対象物質のIRスペクトルを測定した。測定は室温で実施した。

<FT-IR測定条件>

測定法： ATR法
測定波数： 4000～400 cm^{-1}
分解能： 4 cm^{-1}
積算回数： 4回

4.2. 測定対象物質の安定性

試験施設が実施する毒性試験における最終投与日(2021年12月16日)以降に、FT-IR(ATR法)を用いて測定対象物質のIRスペクトルを測定し、4.1項にて測定したスペクトルと比較した。スペクトルが一致した場合、実験期間中の測定対象物質は安定であったと判断した。

2021年12月20日に、4.1項に記載の条件でIRスペクトルを測定した。測定は室温で実施した。

4.3. GC条件

GC： Agilent 7890 GC
カラム： HP-5MS、30 m×0.25 mm i.d.、膜厚0.25 μm、Agilent Technologies
注入方法： スプリット(スプリット比 50:1)
注入口温度： 240 °C
注入量： 1 μL
検出器： FID
検出器温度： 300 °C
検出器ガス： 水素 30 mL/min、空気 400 mL/min
メークアップガス： ヘリウム 23 mL/min
キャリアガス： ヘリウム 2 mL/min
オーブン温度： 初期温度180 °C(0.5分間保持)
昇温 180→280 °C(20 °C/min)
最終温度280 °C(6.5分間保持)

4.4. 標準溶液の調製

測定対象物質約100 mgを10 mL容メスフラスコに秤量し、アセトンを加えて溶解および定容し、標準原液No. ST10000を調製した。測定対象物質の純度は98.8%(東京化成工業株式会社試験成績書情報)であることから、純度補正を行った。この液を次表に従いアセトンで希釈して標準溶液No. SS40～SS150を調製した。標準原液および標準溶液は用時調製とし、IDの頭に「調製した月日」を付して識別した。濃度の有効数字は4桁とした。

Standard solution No.	Source solution		Dilution volume (mL)	Nominal concentration (mg/L)
	No.	Volume (mL)		
SS40	SS100	4	10	40
SS50	SS100	5	10	50
SS75	SS150	5	10	75
SS100	ST10000	1	100	100
SS150	ST10000	1.5	100	150

4.5. 検量線

標準溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。得られたピーク面積を縦軸に、測定対象物質濃度(mg/L)を横軸としてグラフを作成するとともに、回帰直線の傾き、y 切片及び相関係数(r)を算出した。計算には Microsoft Office Excel 2019 を用いた。

4.6. 調製液中の 2-エチルヘキサン-1-イル=パルミタートの濃度測定

3 項の調製液を以下のように希釈して被験溶液を調製した。別に、トウモロコシ油 1 mL にアセトンを加えて 20 mL にした後、この液 1 mL にアセトンを加えて 10 mL として対照溶液とした(ID : CS、n=1、200 倍希釈)。

被験溶液および対照溶液は均一にするために十分に転倒混和して調製した。なお、被験溶液および対照溶液には ID の頭に「調製した月日」を付して識別した。

20 mg/mL 調製液

20 mg/mL 調製液 1 mL にアセトンを加えて 20 mL とした。この液 1 mL にアセトンを加えて 10 mL として被験溶液とした。(n=2、200 倍希釈)

60 mg/mL 調製液

60 mg/mL 調製液 1 mL にアセトンを加えて 50 mL として被験溶液とした。この液 1 mL にアセトンを加えて 10 mL として被験溶液とした。(n=2、500 倍希釈)

200 mg/mL 調製液

200 mg/mL 調製液 1 mL にアセトンを加えて 100 mL とした。この液 1 mL にアセトンを加えて 20 mL として被験溶液とした。(n=2、2000 倍希釈)

被験溶液および対照溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。予め作成した検量線より、被験溶液中の測定対象物質濃度を算出した。濃度の有効数字は 4 桁とした。次式を用いて調製液中の測定対象物質濃度を求めた。また、調製液中の測定対象物質濃度の平均値および相対標準偏差を求めた。判定基準は、平均値が設定濃度±15%以内および相対標準偏差が 15%以内とした。

Received date	Dosing solution		Dilution factor	Test solution (mg/L)	
	Nominal conc. (mg/mL)	No.		Nominal conc. (mg/L)	No.
October 11, 2021	20	P1	200	100	1011P1-1, 1011P1-2
	60	P2	500	120	1011P2-1, 1011P2-2
	200	P3	2000	100	1011P3-1, 1011P3-2
November 8, 2021	20	P4	200	100	1108P4-1, 1108P4-2
	60	P5	500	120	1108P5-1, 1108P5-2
	200	P6	2000	100	1108P6-1, 1108P6-2

$$\text{調製液中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の測定対象物質濃度 (mg/L)} \times \text{希釈倍率}}{1000}$$

4.7. 調製液中の2-エチルヘキサン-1-イル=パルミタートの安定性確認

測定対象物質の410.81 mgおよび4007.78 mgをそれぞれ20 mL容メスフラスコに秤量し、トウモロコシ油を加えて溶解および定容し、20 mg/mL模擬調製液No. DS20および200 mg/mL模擬調製液No. DS200を調製した。模擬調製液を次のように希釈して被験溶液を調製した。別に、トウモロコシ油1 mLにアセトンを加えて20 mLにした後、この液1 mLにアセトンを加えて10 mLとして対照溶液を調製した(ID：CS、n=1、200倍希釈)。

模擬調製液、被験溶液および対照溶液は均一にするために十分に転倒混和して調製した。なお、被験溶液および対照溶液にはIDの頭に「調製した月日」を付して識別した。

20 mg/mL模擬調製液

20 mg/mL模擬調製液1 mLにアセトンを加えて20 mLとした。この液1 mLにアセトンを加えて10 mLとして被験溶液とした。(n=2、200倍希釈)

200 mg/mL模擬調製液

200 mg/mL模擬調製液1 mLにアセトンを加えて100 mLとした。この液1 mLにアセトンを加えて20 mLとして被験溶液とした。(n=2、2000倍希釈)

被験溶液および対照溶液を4.3項に示すGC条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。予め作成した検量線より、被験溶液中の測定対象物質濃度を算出した。濃度の有効数字は4桁とした。次式を用いて調製直後の模擬調製液中の測定対象物質濃度を求めた。

$$\text{模擬調製液中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の測定対象物質濃度 (mg/L)} \times \text{希釈倍率}}{1000}$$

20 mg/mLおよび200 mg/mL模擬調製液を冷蔵10日間および室温21時間保存した。保存後の模擬調製液中の測定対象物質濃度を上記と同様に算出し、次式を用いて残存率を求めた。判定基準は残存率100%±15%以内とした。

$$\text{残存率 (\%)} = \frac{\text{保存後の測定対象物質平均濃度}}{\text{調製直後の測定対象物質平均濃度}} \times 100$$

結果および考察

2-エチルヘキサン-1-イル=パルミタートの同一性確認・安定性確認および調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性試験・濃度確認を実施した結果を以下に示す。

測定対象物質の同一性

測定対象物質の送付状、検査成績書、試薬瓶ラベル、および化合物管理シートにより、測定対象物質の名称、CAS No.、ロット番号の一致を確認した。したがって、同一性を確認した。

測定対象物質の安定性

実験開始時の 2021 年 9 月 30 日に測定した測定対象物質の IR スペクトルを Fig. 1 に示す。試験施設が実施する毒性試験における最終投与日(2021 年 12 月 16 日)以降である 2021 年 12 月 20 日に測定した測定対象物質の IR スペクトルを Fig. 2 に示す。両者を比較した結果、IR スペクトルは一致しており、実験期間中の測定対象物質が安定であったことを確認した。

調製液中の 2-エチルヘキサン-1-イル=パルミタートの安定性確認

標準溶液の測定結果を Table 1 に示す。模擬調製液中の測定対象物質の濃度測定結果を Table 2 に示す。検量線の一例を Fig. 3 に示す。アセトンのクロマトグラム例を Fig. 4 に示す。標準溶液のクロマトグラム例を Fig. 5～Fig. 9 に示す。対照溶液のクロマトグラム例を Fig. 10 に示す。被験溶液のクロマトグラム例を Fig. 11～Fig. 14 に示す。

模擬調製液を冷蔵(3.2～5.1 ℃)で 10 日間、室温(22.5～25.8 ℃)で 21 時間保存した結果、20 mg/mL 模擬調製液の残存率は 103.9%、200 mg/mL 模擬調製液の残存率は 102.8%であり、判定基準(100%±15%以内)を満たした。

以上の結果、20 mg/mL および 200 mg/mL 模擬調製液中の 2-エチルヘキサン-1-イル=パルミタートは調製後、冷蔵 10 日間および室温 21 時間後まで安定であることを確認した。

調製液中の 2-エチルヘキサン-1-イル=パルミタートの濃度測定

調製液中の測定対象物質の濃度測定結果を Table 3 に示す。被験溶液のクロマトグラム例を Fig. 15～Fig. 17 に示す。

調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および 15%以内であり、判定基準を満たした。

以上の結果、調製液中の 2-エチルヘキサン-1-イル=パルミタートが設定濃度に調製されていることを確認した。

結論

本試験において、FT-IR(ATR 法)を用いて測定対象物質の 2-エチルヘキサン-1-イル=パルミタートの安定性を確認した。また、GC を用いて調製液中の 2-エチルヘキサン-1-イル=パルミタートが設定濃度に調製されていること、20 mg/mL および 200 mg/mL 模擬調製液の安定性(冷蔵保存 10 日間および室温保存 21 時間安定)を確認した。

Table 1 Results of the standard solutions

Experiment	Standard solution No.	Concentration (mg/L)	Peak area	Regression equation Correlation coefficient
Stability of the 2-ethylhexyl palmitate concentration in the dosing solution	0930SS40	42.07	14.2205	Regression equation: y = 0.3317 x + 0.3345 Correlation coefficient: 1.000 (analyzed date: September 30, 2021)
	0930SS50	52.59	17.7334	
	0930SS75	78.89	26.7404	
	0930SS100	105.2	35.1083	
	0930SS150	157.8	52.6584	
	1011SS40	42.15	14.2335	Regression equation: y = 0.3046 x + 1.418 Correlation coefficient: 0.9999 (analyzed date: October 11, 2021)
	1011SS50	52.69	17.4250	
	1011SS75	79.04	25.7155	
	1011SS100	105.4	33.3285	
	1011SS150	158.1	49.6078	
Determination of the 2-ethylhexyl palmitate concentration in the dosing solution	1011SS40	42.15	14.2335	Regression equation: y = 0.3046 x + 1.418 Correlation coefficient: 0.9999 (analyzed date: October 11, 2021)
	1011SS50	52.69	17.4250	
	1011SS75	79.04	25.7155	
	1011SS100	105.4	33.3285	
	1011SS150	158.1	49.6078	
	1108SS40	40.55	14.3306	Regression equation: y = 0.3432 x + 0.4078 Correlation coefficient: 1.000 (analyzed date: November 8, 2021)
	1108SS50	50.68	17.8387	
	1108SS75	76.03	26.3525	
	1108SS100	101.4	35.3466	
	1108SS150	152.1	52.5634	

Table 2 Results of the stability of the test article (2-Ethylhexyl Palmitate) concentrations in the dosing solutions

Test solution No.	Storage	Prepared conc. (mg/mL)	Dilution factor	Peak area	Detected conc. (mg/L)	Determined conc. (mg/mL) Individual	Determined conc. (mg/mL) Mean	Residual rate (%)
0930DS20-1	Before*	20.29	200	33.9983	101.5	20.30	20.44	103.9
0930DS20-2				34.4569	102.9	20.57		
1011DS20-1	After*			33.5348	105.4	21.09	21.24	
1011DS20-2				34.0019	107.0	21.39		
0930DS200-1	Before*	198.0	2000	33.5398	100.1	200.2	198.9	102.8
0930DS200-2				33.1123	98.82	197.6		
1011DS200-1	After*			32.1049	100.7	201.5	204.6	
1011DS200-2				33.0510	103.8	207.7		

*Before: September 30, 2021, After: October 11, 2021

$$\text{Residual rate (\%)} = \frac{\text{2-Ethylhexyl Palmitate mean concentration after storage}}{\text{2-Ethylhexyl Palmitate mean concentration before storage}} \times 100$$

Table 3 Results of the determination of the test article (2-Ethylhexyl Palmitate) concentrations in the dosing solutions

Received date	Test solution No.	Nominal conc. (mg/mL)	Dilution factor	Peak area	Detected conc. (mg/L)	Determined conc. Individual (mg/mL)	Determined conc. Mean (mg/mL)	Determined conc. RSD (%)	Criteria Mean (mg/mL)	Criteria RSD (%)
October 11, 2021	1011P1-1	20	200	33.0107	103.7	20.74	20.72	0.2	20±3	≦15
	1011P1-2			32.9296	103.4	20.69				
	1011P2-1	60	500	38.8194	122.8	61.39	60.92	1.1	60±9	≦15
	1011P2-2			38.2467	120.9	60.45				
	1011P3-1	200	2000	31.4943	98.73	197.5	198.0	0.4	200±30	≦15
	1011P3-2			31.6448	99.23	198.5				
November 8, 2021	1108P4-1	20	200	33.9371	97.69	19.54	19.63	0.7	20±3	≦15
	1108P4-2			34.2543	98.61	19.72				
	1108P5-1	60	500	40.6790	117.3	58.66	58.56	0.3	60±9	≦15
	1108P5-2			40.5336	116.9	58.45				
	1108P6-1	200	2000	34.2802	98.69	197.4	197.0	0.3	200±30	≦15
	1108P6-2			34.1465	98.30	196.6				

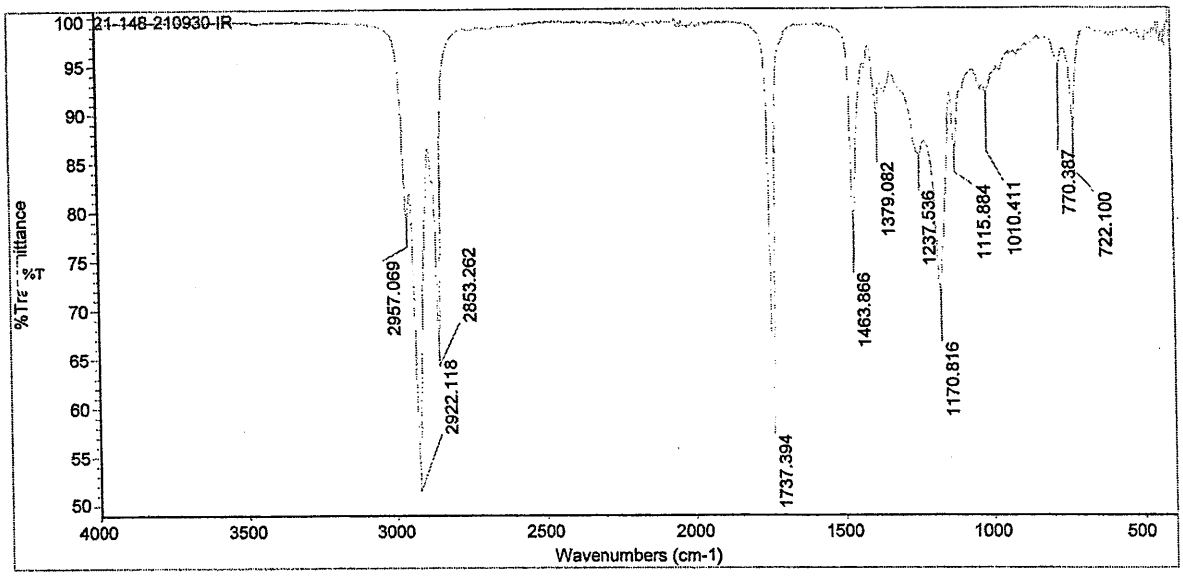


Fig. 1 IR spectrum of the test article for the stability test (analyzed date: September 30, 2021).

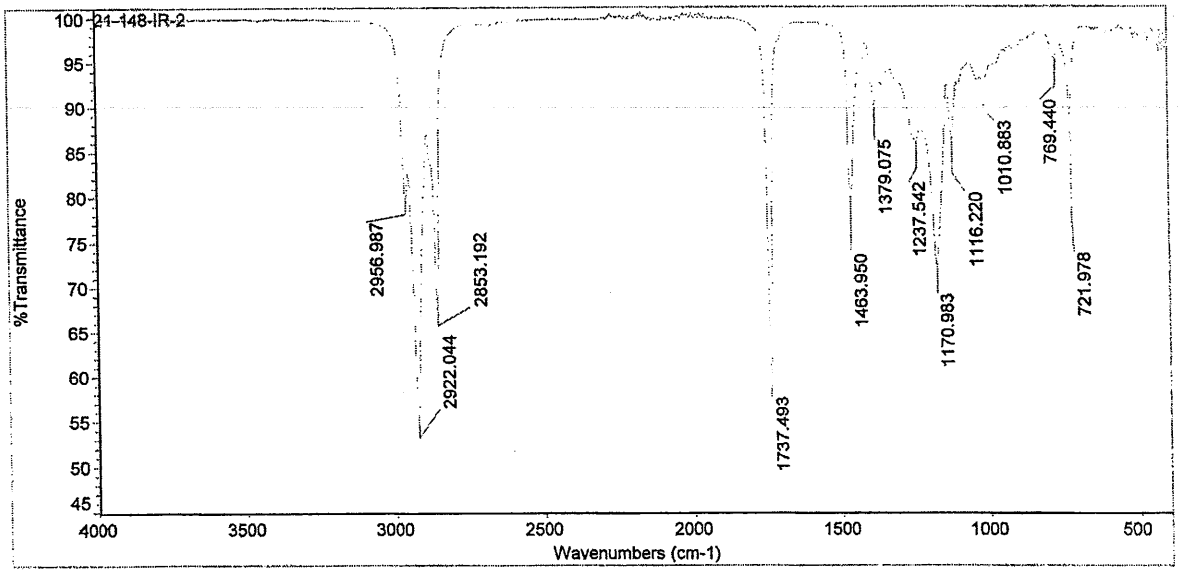


Fig. 2 IR spectrum of the test article for the stability test (analyzed date: December 20, 2021).

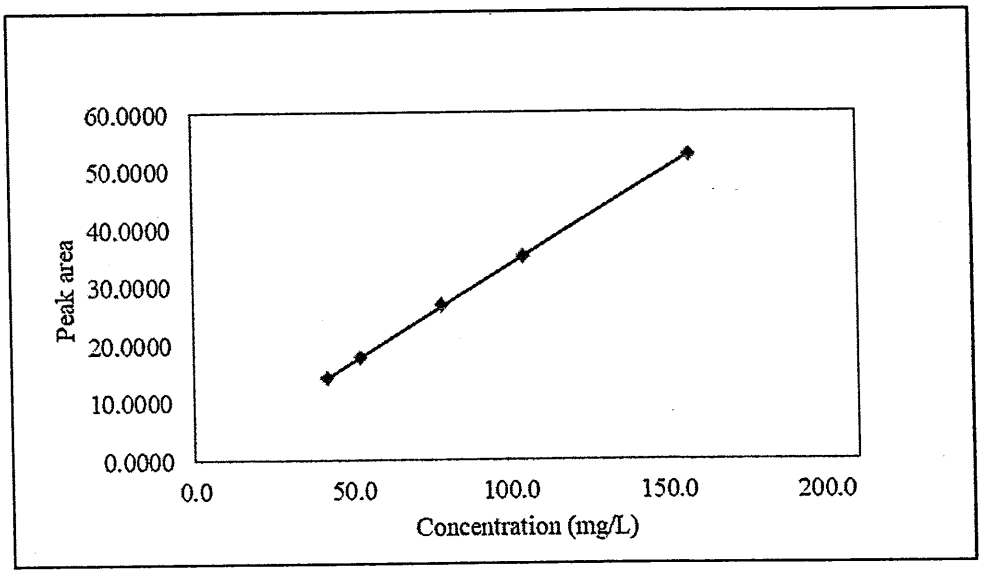
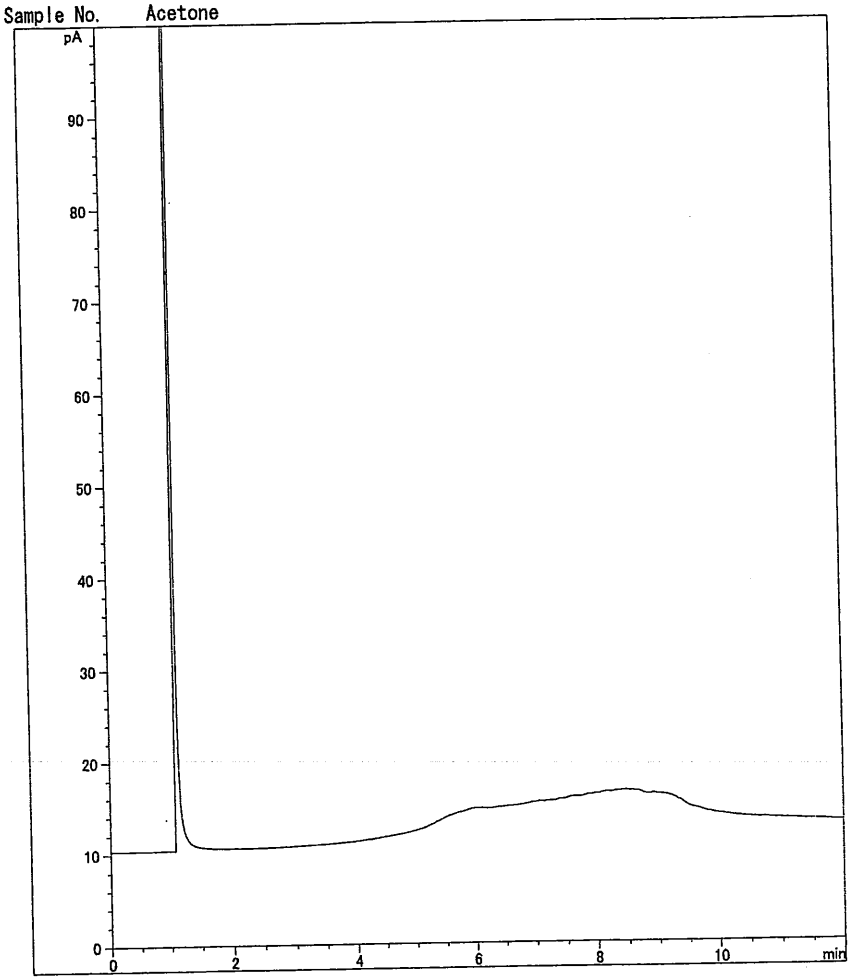


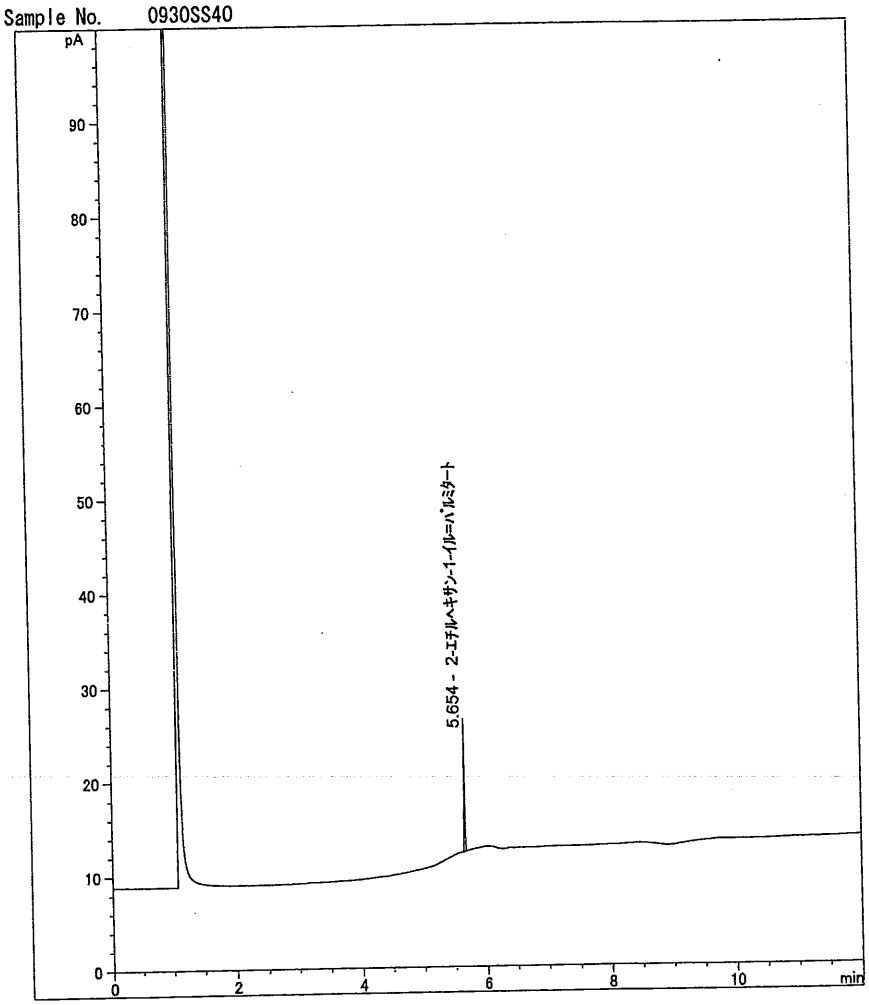
Fig. 3 Typical calibration plot and regression line (analyzed date: September 30, 2021).



<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	2-ｴﾁﾙﾍｷｻﾝ-1-ｲﾙ=ﾊﾟﾙﾐﾀｰﾄ

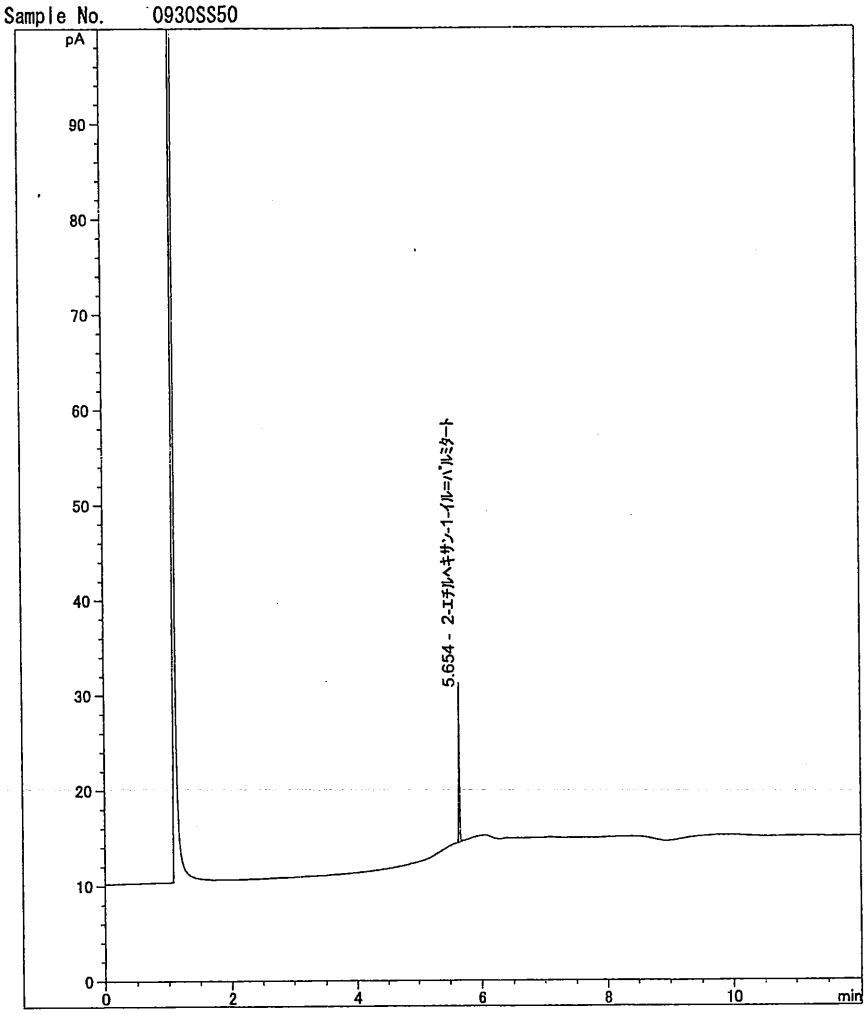
Fig. 4 Typical chromatogram of acetone.



<Result>

#	Time	Area	Area %	Name
1	5.654	14.2205	100.00	2-エチルヘキサン-1-イル=パルミタート

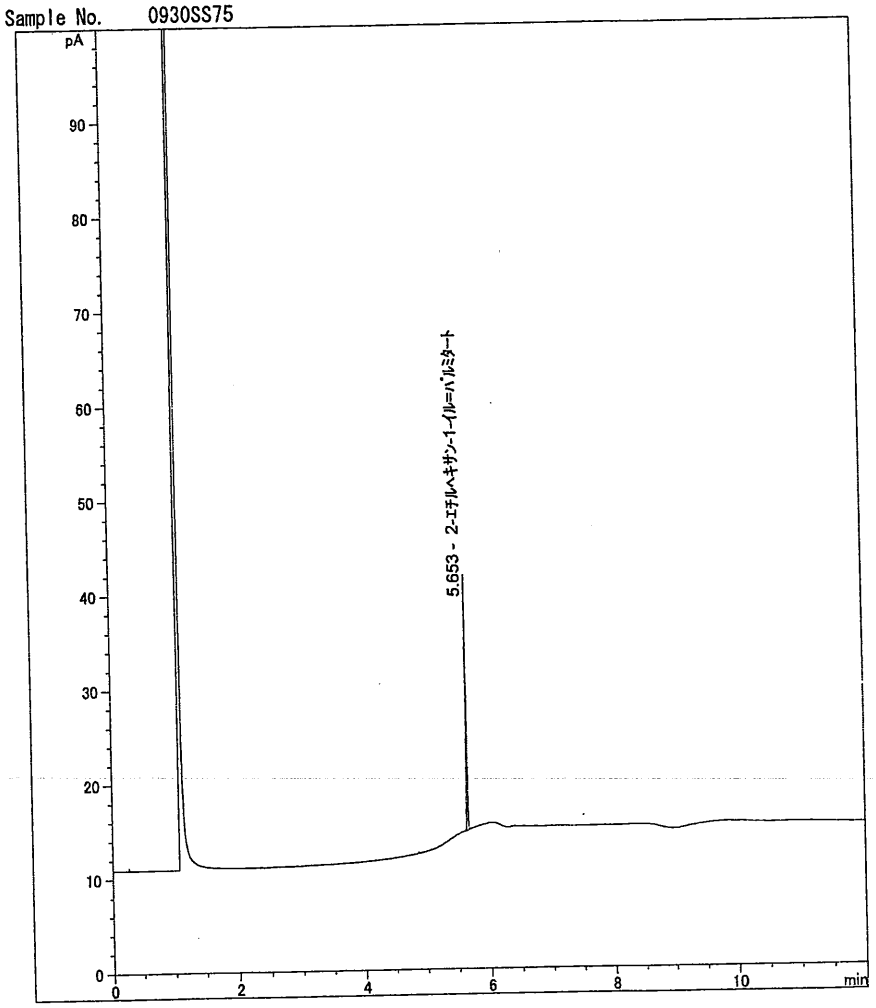
Fig. 5 Typical chromatogram of the standard solutions (No. 0930SS40).



<Result>

#	Time	Area	Area %	Name
1	5.654	17.7334	100.00	2-エチルヘキサン-1-イル=パルミタート

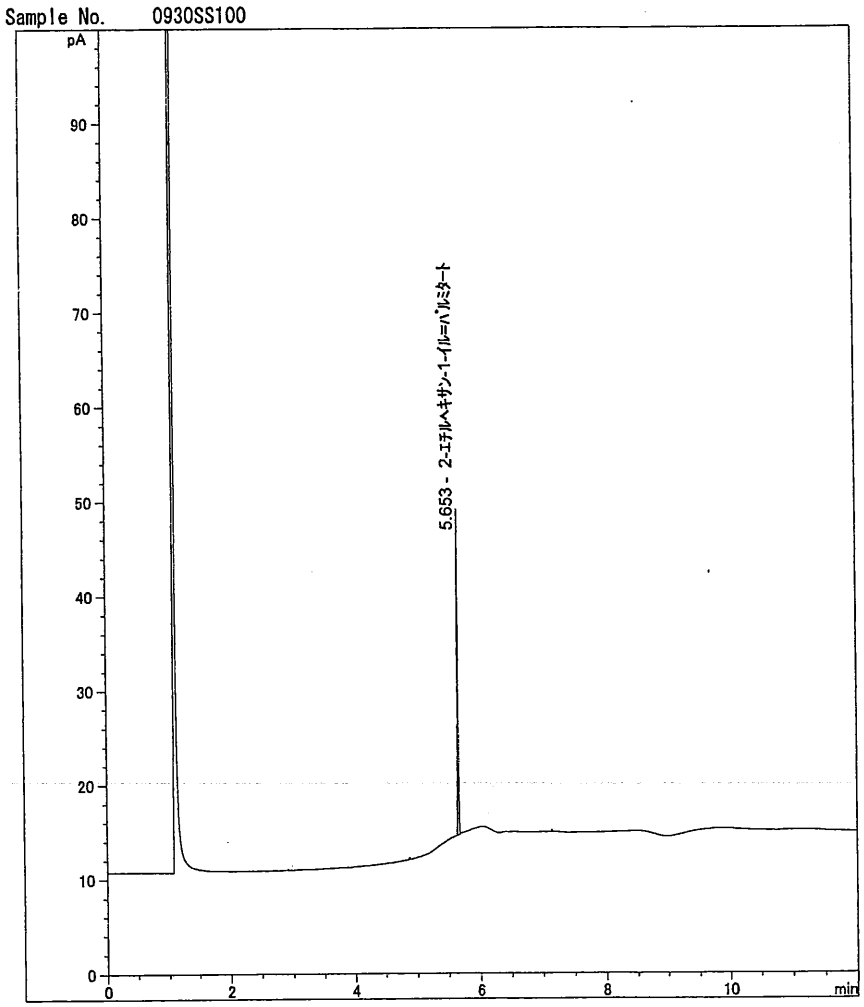
Fig. 6 Typical chromatogram of the standard solutions (No. 0930SS50).



<Result>

#	Time	Area	Area %	Name
1	5.653	26.7404	100.00	2-エチルヘキサン-1-イル=パルミタート

Fig. 7 Typical chromatogram of the standard solutions (No. 0930SS75).



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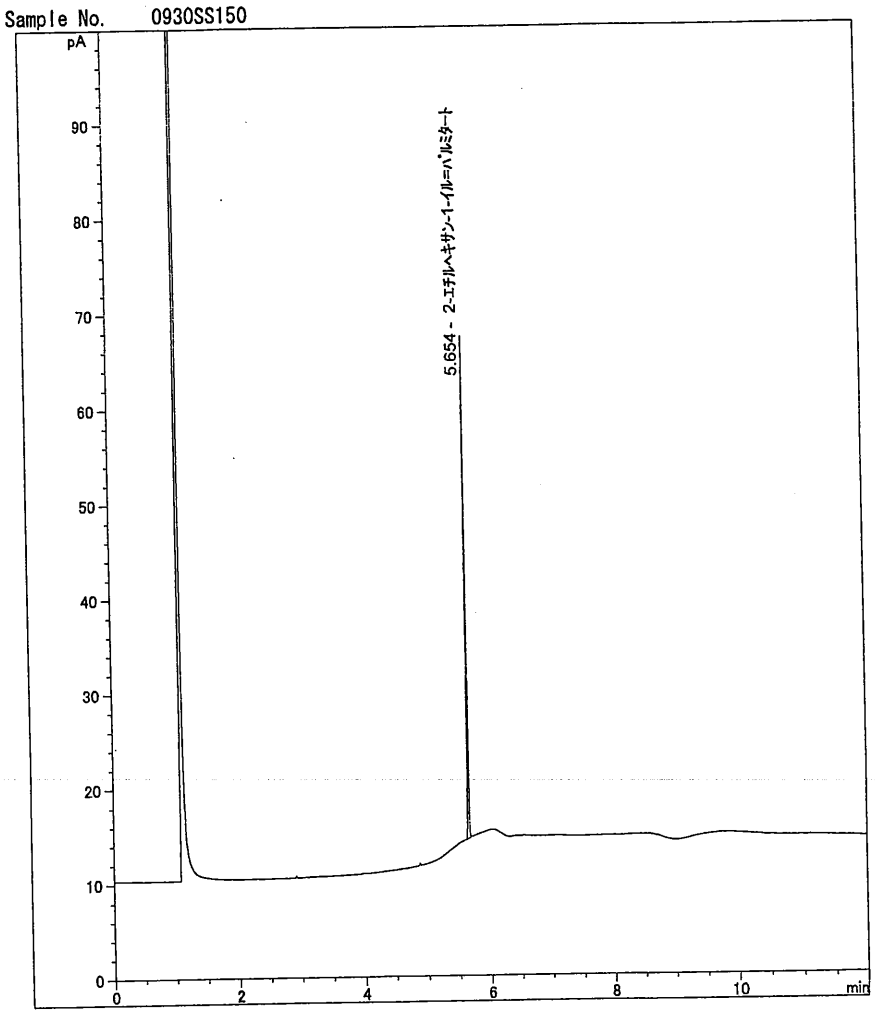
#	Time	Area	Area %	Name
1	5.653	35.1083	100.00	2-エチルヘキサン-1-イル=パルミタート

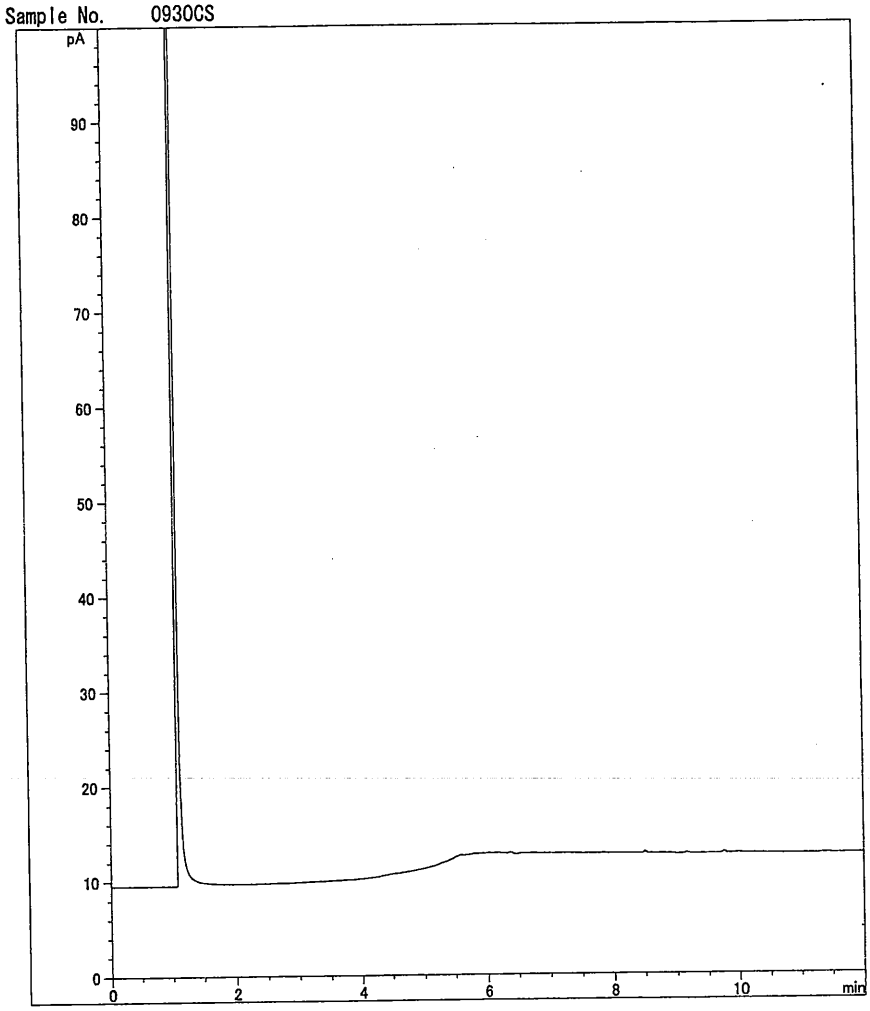
Fig. 8 Typical chromatogram of the standard solutions (No. 0930SS100).



<Result>

#	Time	Area	Area %	Name
1	5.654	52.6584	100.00	2-エチルヘキサン-1-イル=パルミタート

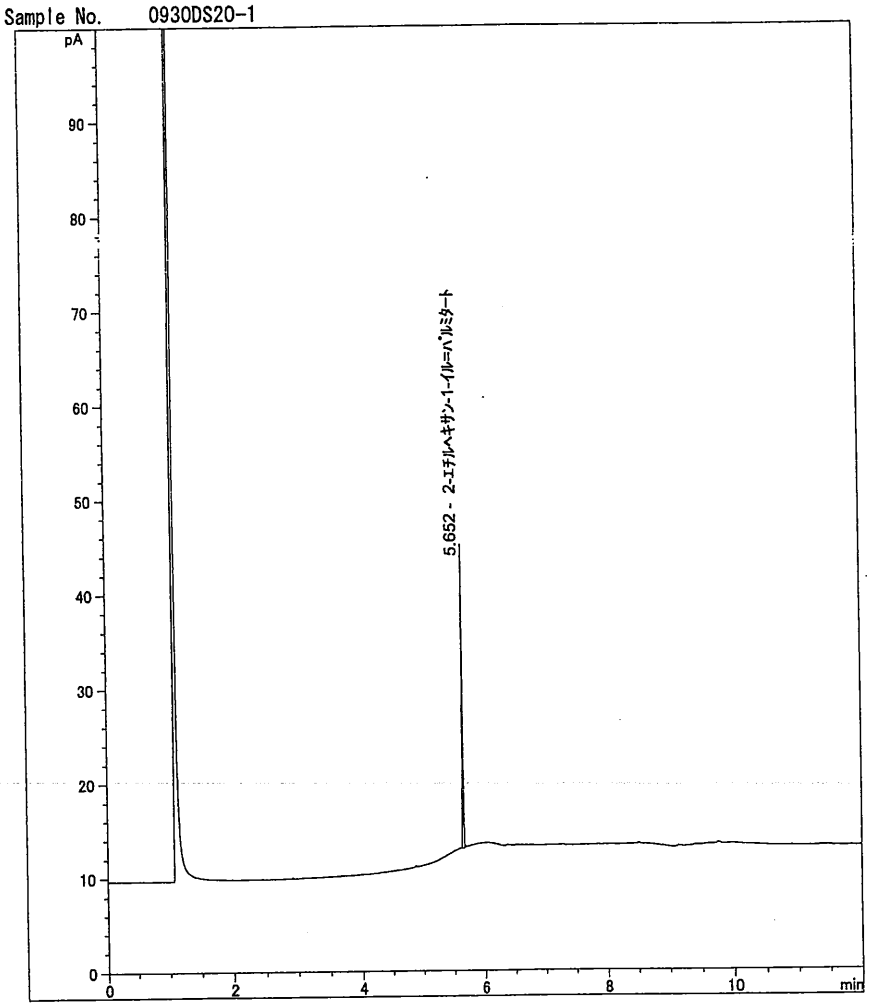
Fig. 9 Typical chromatogram of the standard solutions (No. 0930SS150).



<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	2-ｴﾁﾙﾍｷｻﾝ-1-ｲﾙ=ﾊﾟﾙﾐﾀｰﾄ

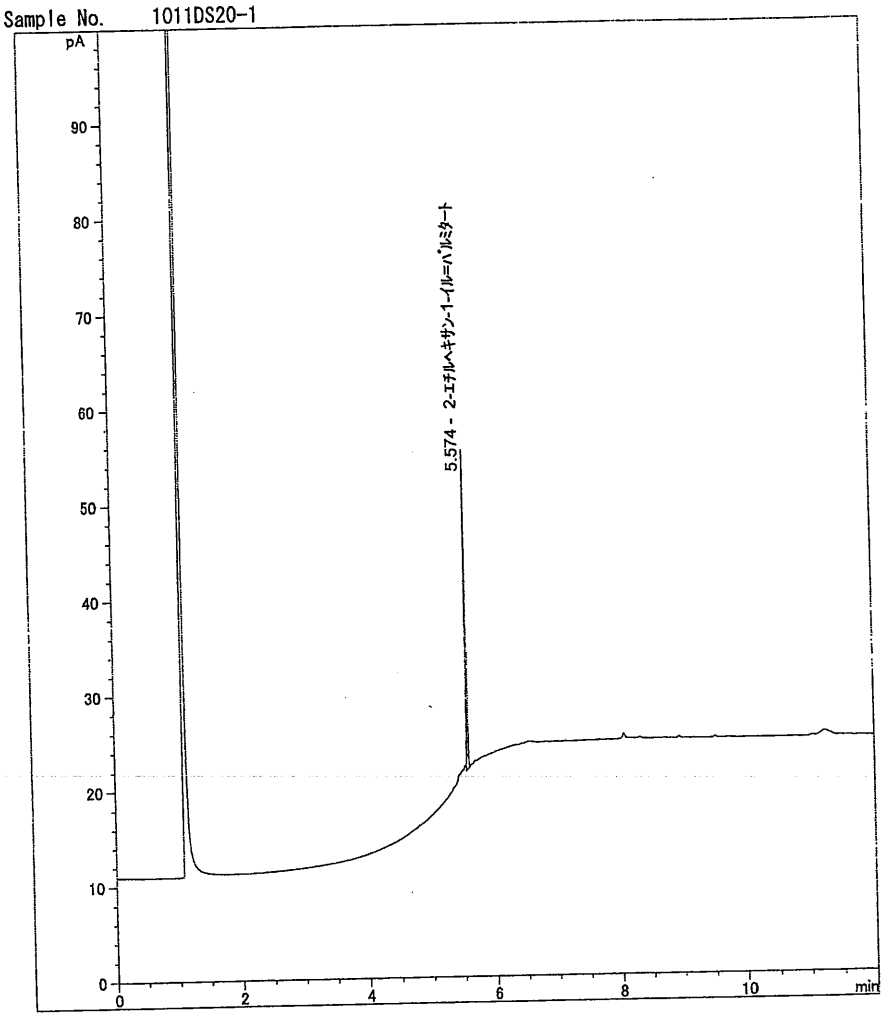
Fig. 10 Typical chromatogram of the control solutions (No. 0930CS).



<Result>

#	Time	Area	Area %	Name
1	5.652	33.9983	100.00	2-エチルヘキサン-1-イル=パルミタート

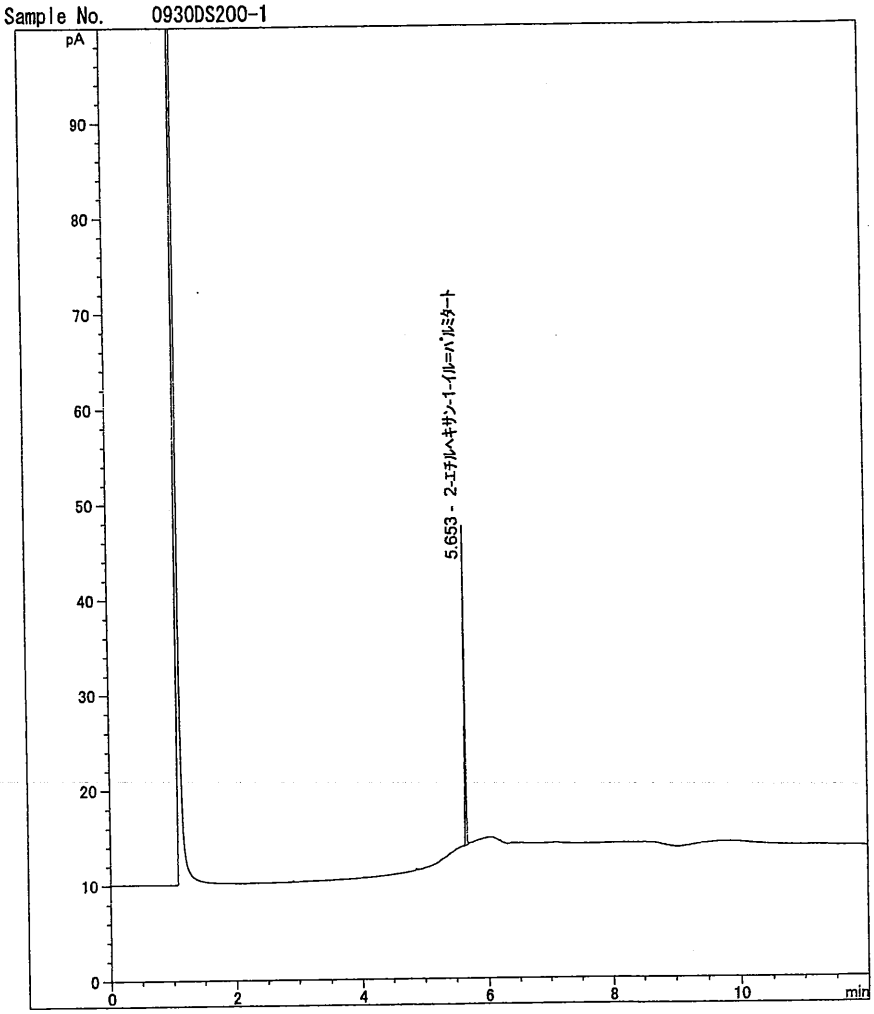
Fig. 11 Typical chromatogram of the test solutions (No. 0930DS20-1).



<Result>

#	Time	Area	Area %	Name
1	5.574	33.5348	100.00	2-エチルヘキサン-1-イル=パルミタート

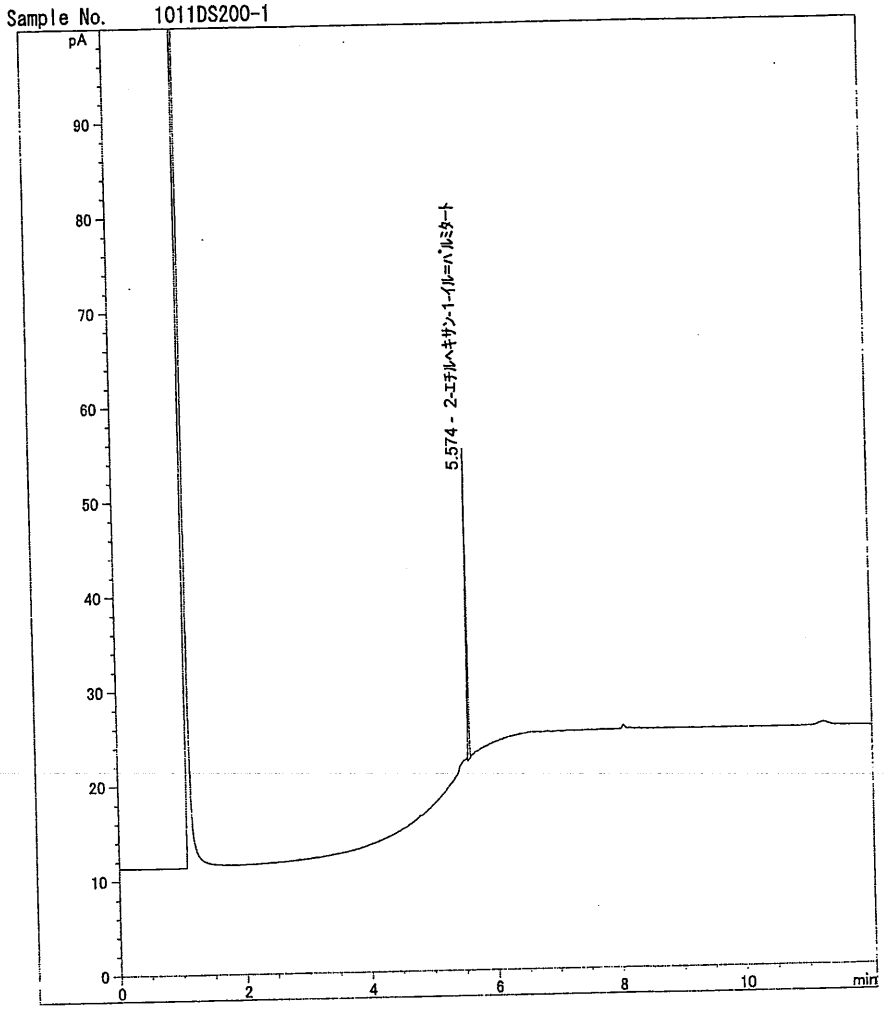
Fig. 12 Typical chromatogram of the test solutions (No. 1011DS20-1).



<Result>

#	Time	Area	Area %	Name
1	5.653	33.5398	100.00	2-エチルヘキサン-1-イル=パルミタート

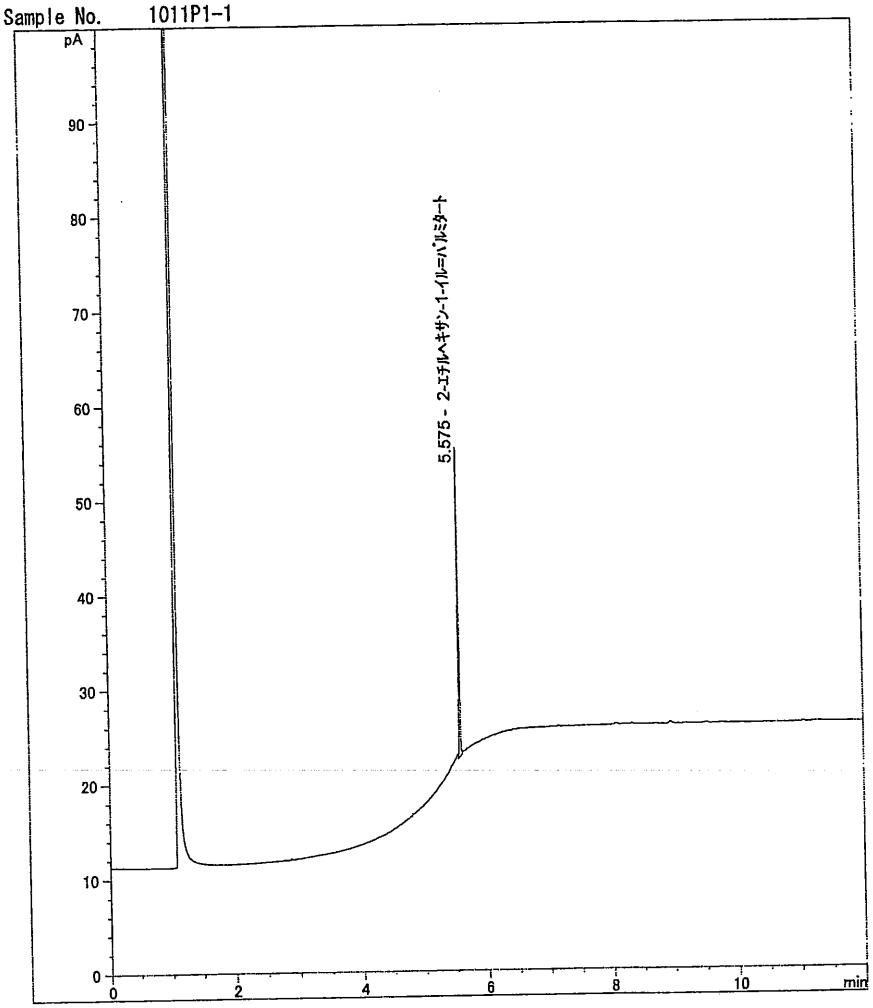
Fig. 13 Typical chromatogram of the test solutions (No. 0930DS200-1).



<Result>

#	Time	Area	Area %	Name
1	5.574	32.1049	100.00	2-エチルヘキサン-1-イル=パルミタート

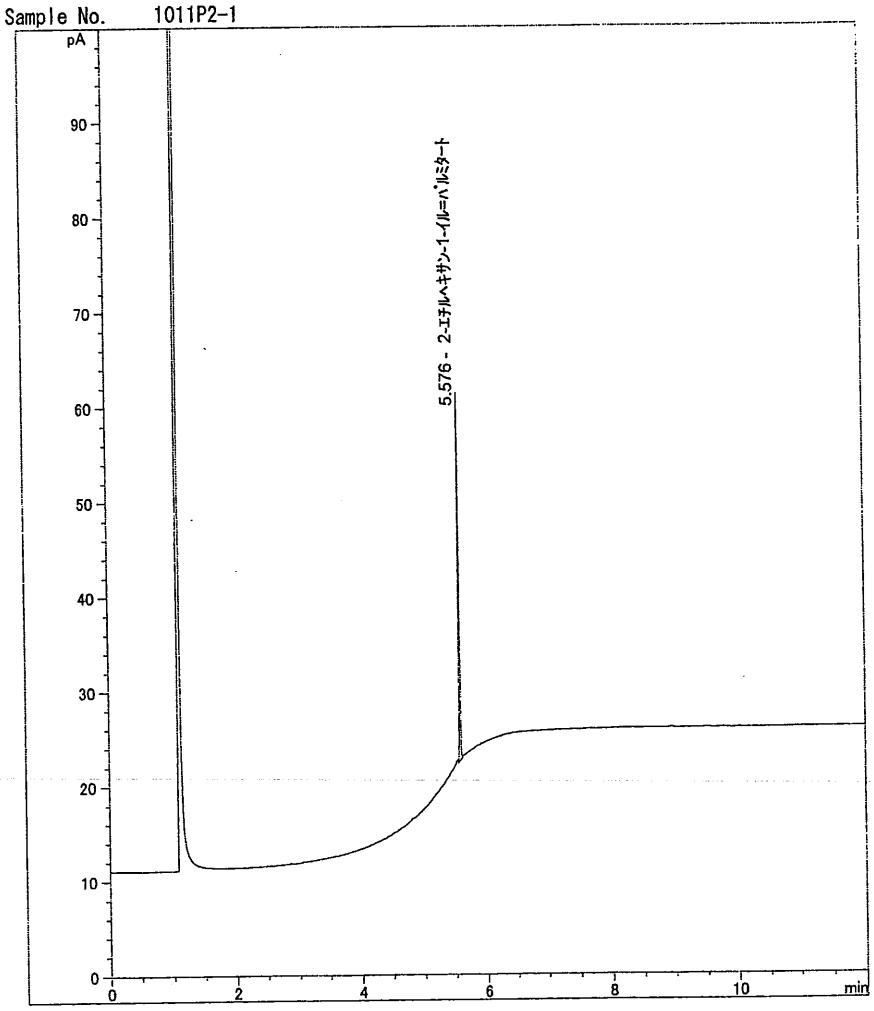
Fig. 14 Typical chromatogram of the test solutions (No. 1011DS200-1).



<Result>

#	Time	Area	Area %	Name
1	5.575	33.0107	100.00	2-エチルヘキサン-1-イル=パルミタート

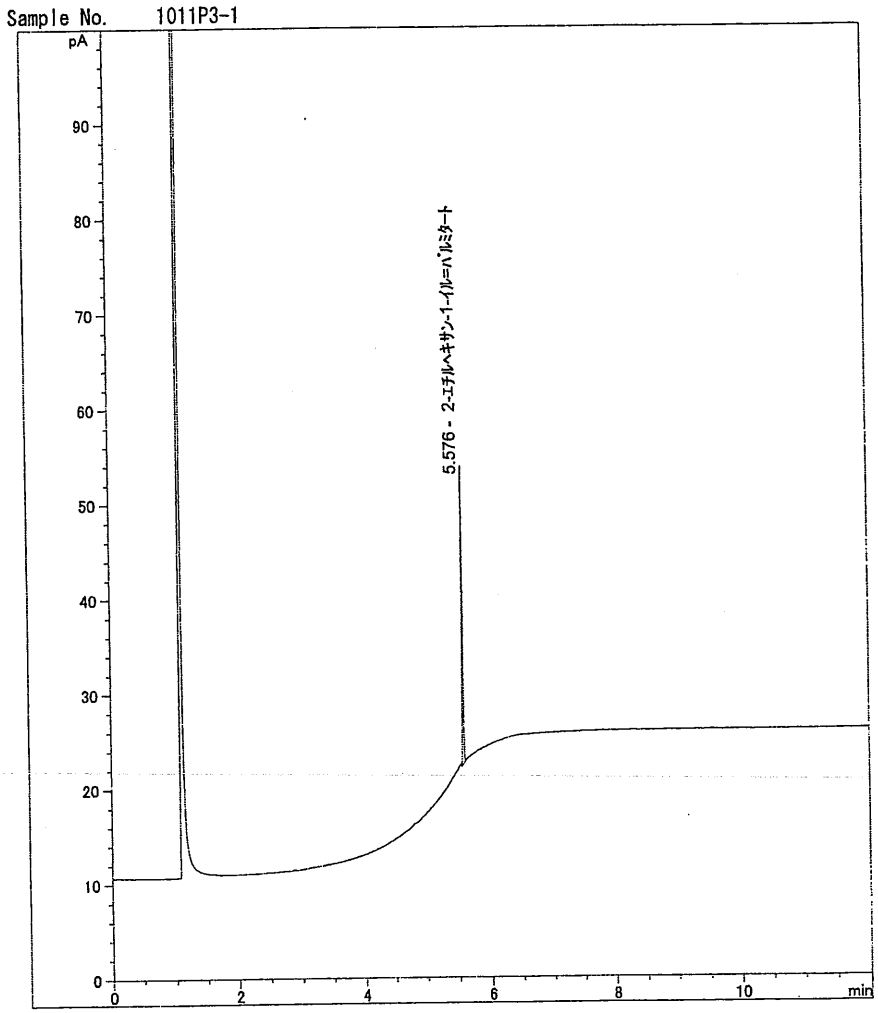
Fig. 15 Typical chromatogram of the test solutions (No. 1011P1-1).



<Result>

#	Time	Area	Area %	Name
1	5.576	38.8194	100.00	2-エチルヘキサン-1-イル=パルミタート

Fig. 16 Typical chromatogram of the test solutions (No. 1011P2-1).



<Result>

#	Time	Area	Area %	Name
1	5.576	31.4943	100.00	2-ｴﾁﾙﾍｷｻﾝｰ1-ｲﾙ=ﾊﾞﾙﾐﾀｰﾄ

Fig. 17 Typical chromatogram of the test solutions (No. 1011P3-1).