

最終報告書

表 題: リン酸トリアリルのラットを用いる簡易生殖発生毒性試験

試験番号: SR13053

株式会社 化合物安全性研究所

陳述書

表題 : リン酸トリアリルのラットを用いる簡易生殖発生毒性試験

試験番号 : SR13053

1. 本試験は、「新規化学物質等に係る試験を実施する試験施設に関する基準について」(平成 23 年 3 月 31 日 薬食発 0331 第 8 号・平成 23・03・29 製局第 6 号・環保企発第 110331010 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) に従い、試験方法は「新規化学物質等に係る試験の方法について」(平成 23 年 3 月 31 日薬食発 0331 第 7 号・平成 23・03・29 製局第 5 号・環保企発第 110331009 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) に基づいて実施したものであります。
2. 本試験は、試験計画書に従って実施し、試験成績の信頼性に影響を及ぼしたと思われる環境要因は認められませんでした。

株式会社 化合物安全性研究所

試験責任者

 2014年 3月13日

信頼性保証書

表題 : リン酸トリアリルのラットを用いる簡易生殖発生毒性試験

試験番号 : SR13053

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	2013年7月19日	2013年7月19日	2013年7月19日
被験物質の受入・表示・保存	2013年7月19日	2013年7月19日	2013年7月19日
試験計画書	2013年7月23日	2013年7月24日	2013年7月24日
動物受入・検疫・馴化	2013年7月24日	2013年7月24日	2013年7月24日
投与液の調製	2013年7月29日	2013年7月29日	2013年7月29日
群分け	2013年8月6日	2013年8月6日	2013年8月6日
投与	2013年8月7日	2013年8月7日	2013年8月7日
一般状態観察	2013年8月7日	2013年8月7日	2013年8月7日
体重測定	2013年8月7日	2013年8月7日	2013年8月7日
摂餌量測定	2013年8月7日	2013年8月7日	2013年8月7日
性周期検査	2013年8月7日	2013年8月7日	2013年8月7日
生殖能検査 (交配)	2013年8月20日 2013年8月21日	2013年8月21日	2013年8月21日
試験計画書変更書 (No.1)	2013年8月27日	2013年8月27日	2013年8月27日
分娩および哺育状態観察	2013年9月12日	2013年9月12日	2013年9月12日
試験計画書変更書 (No.2)	2013年9月13日	2013年9月13日	2013年9月13日
剖検・器官重量測定	2013年9月17日	2013年9月17日	2013年9月17日
病理組織学的検査 (標本作製)	2013年9月25日 2013年9月26日 2013年9月27日	2013年9月27日	2013年9月27日
病理組織学的検査 (鏡検)	2013年10月15日	2013年10月15日	2013年10月15日
試験計画書変更書 (No.3)	2013年11月5日	2013年11月5日	2013年11月5日
試験計画書変更書 (No.4)	2014年1月10日	2014年1月10日	2014年1月10日
試験計画書変更書 (No.5)	2014年1月31日	2014年1月31日	2014年1月31日
生データ	2014年2月3日 2014年2月4日 2014年2月5日 2014年2月6日	2014年2月9日	2014年2月9日

査察段階	査察日	試験責任者 への報告日	運営管理者 への報告日
最終報告書 (草案) : 図表	2014年2月3日 2014年2月4日 2014年2月5日 2014年2月6日	2014年2月9日	2014年2月9日
最終報告書 (草案) : 本文	2014年2月6日 2014年2月7日 2014年2月10日	2014年2月10日	2014年2月10日
最終報告書	2014年3月13日	2014年3月13日	2014年3月13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・環境企発第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) および「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・環境企発第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) に従い実施された。

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

株式会社 化合物安全性研究所

QAU 責任者

2014年 3月 13日

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表題

リン酸トリアリルのラットを用いる簡易生殖発生毒性試験

試験番号

SR13053

試験目的

リン酸トリアリルを雌雄ラットに反復経口投与してその性腺機能，交尾行動，受胎および分娩等の生殖に及ぼす毒性を検討した。

試験実施基準および試験法ガイドライン

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

試験法ガイドライン : 「新規化学物質等に係る試験の方法について」(平成 23 年 3 月 31 日薬食発 0331 第 7 号・平成 23・03・29 製局第 5 号・環保企発第 110331009 号 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知)

動物愛護

本試験は，試験施設の動物実験倫理委員会の承認を得，かつ，標準操作手順書 (動物実験倫理規定) に準拠した。

法規および基準等 : 「動物の愛護及び管理に関する法律」(昭和 48 年 10 月 1 日 法律第 105 号，最終改正 平成 24 年 9 月 5 日 法律第 79 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)
「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)

試験委託者

名称 : 厚生労働省 医薬食品局

所在地 : 東京都千代田区霞が関 1-2-2 (〒100-8916)
連絡先 : 審査管理課 化学物質安全対策室

試験施設

名称 : 株式会社 化合物安全性研究所
所在地 : 札幌市清田区真栄 363 番 24 (〒004-0839)
運営管理者 : 

試験責任者

氏名 : 
所属 : 株式会社 化合物安全性研究所 安全性研究部

試験従事者およびその業務分担

被験物質管理 :

動物管理 :

検疫・馴化 :

投与・観察・測定 :

病理検査 :

試験日程

試験開始日 : 2013 年 7 月 19 日
動物受入 : 2013 年 7 月 24 日
群分け : 2013 年 8 月 6 日
実験開始日 : 2013 年 8 月 7 日
投与開始 : 2013 年 8 月 7 日
交配開始 : 2013 年 8 月 20 日
新生児剖検開始 : 2013 年 9 月 16 日
母動物剖検開始 : 2013 年 9 月 16 日

雄動物投与終了 : 2013年 9月 17日
雄動物剖検 : 2013年 9月 18日
実験終了日 : 2013年 12月 16日
試験終了日 : 2014年 3月 13日

1 要約

リン酸トリアリルの 0 (対照 : 1%MC), 1, 10 および 100 mg/kg/day を 1 群雌雄各 12 匹の Crl:CD(SD) ラットに, 雄ラットに対しては交配前, 交配期間および交配後を含む計 42 日間, 雌ラットに対しては交配前, 交配および妊娠期間, ならびに分娩後 3 日までの期間 (40 ~ 51 日間) 経口投与し, その性腺機能, 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結果, 以下の成績が得られた.

1.1 親動物について

一般状態および剖検所見では, 100 mg/kg 群まで被験物質投与の影響は認められなかった.

体重に変化はなかったが, 100 mg/kg 群の雄で投与開始直後に摂餌量の低値, 雌で哺育期間に体重増加量および摂餌量の低値が認められた.

病理学的検査では, 100 mg/kg 群で雌雄に肝臓および腎臓重量の高値ならびに小葉中心性肝細胞肥大, 雄に尿細管の好塩基性化がみられたほか, 100 および 10 mg/kg 群で雄に近位尿細管上皮の好酸性小体 (α 2u-グロブリン抗体による免疫染色陽性) がみられた.

1.2 親動物の生殖および新生児の発生について

性周期, 交尾率, 受胎率, 交尾所要日数, 妊娠黄体数, 着床数, 着床率, 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, 出生率, 出産生児の性比, 出生児の外表所見には, 100 mg/kg 群まで被験物質投与の影響は認められなかった.

新生児の体重では, 100 mg/kg 群で雌の生後 4 日に有意な低値がみられた. 新生児の一般状態, 生存率ならびに剖検所見には, 被験物質投与の影響は認められなかった.

以上のことから, 本試験条件下におけるリン酸トリアリルの雄親動物の無影響量 (NOEL) は 10 mg/kg 群で近位尿細管上皮の好酸性小体 (α 2u-グロブリン抗体による免疫染色陽性) が認められたことから 1 mg/kg/day, 無毒性量 (NOAEL) は 100 mg/kg 群で摂餌量の低値, 肝臓および腎臓重量の増加, 小葉中心性肝細胞肥大および尿細管の好塩基性化が認められたことから 10 mg/kg/day であり, 雌親動物の無影響量 (NOEL) および無毒性量 (NOAEL) は, 100 mg/kg 群で体重増加量および摂餌量の減少, 肝臓および腎臓重量の増加, 小葉中心性肝細胞肥大が認められたことから 10 mg/kg/day と判断した. 一方, 親動物の生殖能に対する無影響量 (NOEL) および無毒性量 (NOAEL) は, 被験物質投与に関連した変化が 100 mg/kg まで認められなかったことから 100 mg/kg/day, 次世代の発生・発育に対する無影響量 (NOEL) および無毒性量 (NOAEL) は, 100 mg/kg 群で雌の出生児体重に低値がみられたことから 10 mg/kg/day と判断した.

2 緒言

リン酸トリアリルの 0 (対照：1%MC), 1, 10 および 100 mg/kg/day を 1 群雌雄各 12 匹の CrI:CD(SD) ラットに, 雄ラットに対しては交配前, 交配期間および交配後を含む計 42 日間, 雌ラットに対しては交配前, 交配および妊娠期間, ならびに分娩後 3 日までの期間 (40~51 日間) 経口投与し, その性腺機能, 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。

3 材料および方法

3.1 被験物質

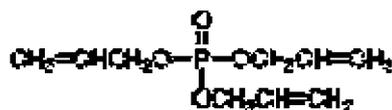
名称 : リン酸トリアリル ; Triallyl Phosphate

別名¹⁾ : Phosphoric Acid Triallyl Ester

CAS No. : 1623-19-4

化審法官報公示整理番号¹⁾ : (2)-1960

示性式 (構造式)²⁾ :



分子式¹⁾ : C₉H₁₅O₄P

分子量²⁾ : 218.19

物理化学的性質 : 外観 ; 無色~わずかにうすい黄色の透明液体¹⁾

沸点/沸騰範囲 ; 113°C/0.5kPa¹⁾

密度 ; 1.08¹⁾

比重 (20/20) ; 1.0823³⁾

屈折率 (n₂₀/D) ; 1.4492³⁾

溶解度 ; 水 : 難溶¹⁾

オクタノール/水分配係数 ; 1.76¹⁾

ロット番号 : DKE5G

純度 : 99.4%³⁾

不純物の名称およびその濃度 : 記載なし

製造者 : 名称 ; 東京化成工業株式会社

所在地 ; 東京都北区豊島 6 丁目 15 番 9 号 (〒114-0003)

入手量 : 500 mL

入手日 : 2013 年 7 月 2 日

安定性 : 適切な条件下では安定¹⁾
 投与終了後、被験物質の一部を東京化成工業株式会社に送付し、特性試験を実施し、安定性を確認した⁴⁾。

保存場所および保存期間 : 被験物質保存室の冷蔵室 ; 2013年7月2日 (入手) ~ 2013年9月19日 (最終回の投与液調製)

保存条件 : 冷蔵 (実測範囲 5.7 ~ 8.6°C), 遮光, 気密.

取扱上の注意 : 保護メガネ, ゴム手袋, マスクを着用した.

サンプリング : 約 5 g を採取し, 試験施設の資料保存室に保存した.

残余被験物質の処置 : 安定性を確認した後, 焼却処分するために, 産業廃棄物として回収した.

3.2 対照物質

名称 : 1(w/v)%メチルセルロース水溶液(1%MC)

調製方法 : メチルセルロース(メトローズ, SM-15, ロット番号 2085511, 信越化学工業株式会社)を精秤し, 精製水 (日本薬局方精製水, ロット番号 302060, ヤクハン製薬株式会社) で 1 (w/v) % となるように溶解させた.

保存場所および保存期間 : 被験物質保存室の冷蔵室 ; 2013年7月27日 (初回調製) ~ 2013年9月23日 (最終回投与)

保存条件 : 冷蔵 (実測範囲 2.8 ~ 8.5°C), 気密

使用期限 : 調製後 15 日間 (調製後 12 日間以内に使用した).

3.3 投与液の調製

調製方法 : 被験物質を精秤し, 所定の濃度となるように媒体 (対照物質) を添加後, スターラーを用いて分散 (懸濁) させた.

調製頻度 : 10 日間に 1 回以上 (調製液は 10 日以内に使用した)

保存場所および保存期間 : 被験物質保存室の冷蔵室 ; 2013年7月29日 (初回調製) ~ 2013年9月26日 (最終回投与)

保存条件 : 冷蔵 (実測範囲 2.8 ~ 8.5°C), 遮光, 気密

調製上の注意 : 被験物質はドラフト内で取扱い, 調製の際にはマスク, 手袋, 保護メガネ等を着用し, 吸入, 眼, 皮膚および衣類等との接触を避けた.

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

投与液の安定性および均一性 : 0.1 および 100 mg/mL の調製液について, 均一性ならびに調製後冷蔵 10 日間+室温 4 時間の安定性が確認されている⁵⁾.

投与液の濃度確認 : 初回および雄動物の最終回の投与に用いる全濃度の投与液について、被験物質の濃度を確認した。投与液は試験施設で調製後、(株) 日曹分析センターに送付した。分析は(株) 日曹分析センターで実施し、分析結果を入手した (報告書番号: NCAS 13-141)。

その結果、初回および最終回に調製した 0.1, 1 および 10 mg/mL 投与液は、設定濃度からの乖離が初回でそれぞれ 6.1, 1.1 および 4.4 %, 最終回で 5.2, 5.0 および 1.1 % であり、いずれも設定濃度の ±15 % 以内であり、判定基準に適合していることが確認された⁶⁾。

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 厚木飼育センター

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 : ラットは毒性試験等で通常用いられている動物種であり、当研究所での使用経験が豊富であることからこの系統を選定した。

発注動物数 : 雌雄とも 52 匹

発注動物週齢 : 雌雄とも 8 週齢

出荷体重基準 : 雄は 240 ~ 330 g, 雌は 160 ~ 230 g

受人時体重範囲 : 雄 265 ~ 312 g, 雌 184 ~ 214 g

投与開始時週齢 : 雌雄とも 10 週齢

投与開始時体重範囲 : 雄 352 ~ 428 g, 雌 213 ~ 274 g

群数 : 雌雄各 4 群

各群動物数 : 雌雄各 12 匹

3.5 検疫および馴化

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

性周期検査 : 雌動物について、検疫終了日から群分け日までの 9 日間の性周期検査を膣垢スメア塗抹法により行った。

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、性周期検査および体重では、雌 1 例 (No.5028) で群分け日に体重減少がみられたほかは、全例で異常は認められな

かった。

3.6 群分け

検疫および馴化期間中に実施した一般状態観察および体重測定、さらに雌については性周期検査の結果を参考にして、動物の使用の適否を決定した。群分け日に体重減少がみられた雌 1 例 (No.5028) を除き、MiTOX システムを使用して、投与開始前日にその日の体重に基づいて層化無作為抽出法により各群の平均体重が均一になるように群分けを行った。群分け時の動物の体重範囲は、雄で 352~425 g, 雌で 225~266 g であり、平均体重 (雄 386.1 g, 雌 244.6 g) の $\pm 20\%$ 以内であった。群分けから除外された雌雄各 4 匹は、投与開始日に試験から除外し標準操作手順書に従って取り扱った。

3.7 動物およびケージの識別

動物 : 群分け前は受入時に油性フェルトペンで尾部に印を付け、個体識別を行った。

群分け後は耳介に動物番号を入墨し、個体識別を行った。

新生児については、個体識別は行わなかった。

飼育ケージ : 群分け前は性別毎に色分けしたラベルに試験 No., 識別 No. (受入時動物 No.), 性別, ケージ No. および種 / 系統を印字して各ケージの前面に標示した。

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

3.8 動物飼育

3.8.1 飼育環境

飼育室番号 : 301 号室

温度・湿度 : $22 \pm 3^{\circ}\text{C}$, $50 \pm 20\%$ (実測範囲 $20 \sim 24^{\circ}\text{C}$, 38~67%)

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 4 日まで小型

受皿と共に実験動物用床敷 (ホワイトフレーク, 日本チャールス・リバー株式会社) を使用した。

1 ケージあたりの収容動物数：検疫および馴化期間中は 2 匹ずつ，群分け後は 1 匹，同居期間中は雌雄各 1 匹，妊娠期間中は 1 匹，哺育期間中は 1 腹毎とした。

ケージ交換：群分け時，その後は 2 週に 1 回の頻度で交換した。交尾成立雌動物については妊娠 0 日および 14 日に実施した。

受皿交換：週 2 回実施した。

小型受皿の交換：妊娠 20 日に床敷とともに実施した。

給餌器交換：ケージ交換時に交換した。

自動給水装置の水抜き：週 1 回実施した。

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：130405, 130507

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。

汚染物質および微生物検査：試験に悪影響を及ぼす恐れのある汚染物質あるいは微生物の有無を，使用した各ロットの飼料について分析した。汚染物質の分析はユーロフィン・フードテストイング・ジャパン株式会社 (分析報告書：AR-13-JP-000994-01, AR-13-JP-001292-01) が，微生物検査は飼料製造業者 (分析試験報告書:No. 13G03-058, 13G03-074) がそれぞれ行い，分析データを飼料製造業者からロット毎に入手した。分析項目と許容値は株式会社 化合物安全性研究所の標準操作手順書に準拠した。分析の結果，いずれの項目にも許容値を超える値は認められなかった。

3.8.4 飲料水

種類：札幌市水道水

給水方法：自動給水装置を用いて自由に摂取させた。

汚染物質検査：試験に悪影響を及ぼす恐れのある汚染物質の有無を，2013 年 7 月 8 日および 2013 年 10 月 1 日に当該飼育室 (301 号室) の配管の最末端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：No. A251183, A253322) が行い、分析データを入手した。分析項目と許容値は株式会社 化合物安全性研究所の標準操作手順書に準拠した。分析の結果、いずれの項目にも許容値を超える値は認められなかった。

3.9 被験物質の投与

3.9.1 投与量の設定

投与量 : 0 (対照), 1, 10 および 100 mg/kg/day

設定理由 : リン酸トリアリルの 14 日間反復経口投与毒性予備試験⁷⁾では、1 群雌雄各 2~3 匹の Crl:CD(SD)ラットに 1, 10, 100, 300 および 1000 mg/kg/day の用量で被験物質を投与したところ、1000 mg/kg 群で雄または雌に呼吸緩徐、流涙、自発運動の低下、よろめき歩行、腹臥、横臥、口周囲および外尿道口周囲被毛汚染がみられた。さらに投与 2 日に雄 2 例が死亡し、生存例も同日安楽死させた。300 mg/kg 群では雌雄によるめき歩行、肝臓および腎臓重量の高値傾向がみられ、100 mg/kg では雄で肝臓重量の高値がみられた。また、リン酸トリアリルの 28 日間反復経口投与毒性試験⁵⁾では 1 群雌雄各 6~12 匹の Crl:CD(SD)ラットに 1, 10, 100 mg/kg/day の用量で被験物質を投与したところ、いずれの用量にも一般状態、体重、摂餌量に変化はみられなかったが、100 mg/kg 群で雌雄に肝臓および腎臓重量の高値がみられ、病理組織学的検査において雄に小葉中心性肝細胞肥大がみられた。これらのことから、本試験では、高用量を肝臓および腎臓重量に変化があり、雄に小葉中心性肝細胞肥大がみられる 100 mg/kg/day とし、以下公比 10 で 10 および 1 mg/kg/day を設定した。

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
対照群	0	0	10.0	12 (10101 ~ 10112)	12 (50151 ~ 50162)
低用量群	1	0.1	10.0	12 (10201 ~ 10212)	12 (50251 ~ 50262)
中用量群	10	1	10.0	12 (10301 ~ 10312)	12 (50351 ~ 50362)
高用量群	100	10	10.0	12 (10401 ~ 10412)	12 (50451 ~ 50462)

対照群には、他の群と同様の方法で対照物質 (1%MC) のみを投与した。

3.9.3 投与

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

投与回数 : 1日1回, 連日投与した。

投与時刻 : 9:02~11:57。

投与期間 : 雄; 交配開始前14日間およびその後の28日間, 計42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哺育3日まで, 分娩遅延例は妊娠25日まで, 交尾不成立例は交配期間終了日から23日間。

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

投与方法, 投与経路, 投与回数および投与期間の選定理由: 試験法ガイドラインに準拠して選定した。

3.10 観察, 測定および検査項目

投与開始日を投与1日, 交尾成立日を妊娠0日, 分娩終了日を哺育0日と規定した。

3.10.1 雄動物について

3.10.1.1 一般状態観察

例数 : 全例

期間 : 投与1日から投与42日の翌日の剖検日 (Day 43) まで

頻度 : 毎日の投与前および投与後2回。ただし, 剖検日は午前中に1回。

観察方法 : 個々の生死, 外観, 行動等について観察した。

3.10.1.2 体重測定

例数 : 全例

測定日 : 投与1, 3, 7日, その後は7日毎の投与前, 投与終了日および剖検日に測定した。

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, 1g単位で記録した。

体重増加量 : 以下の式により算出した。

$$\text{体重増加量 (g)} = \text{投与42日体重 (g)} - \text{投与1日体重 (g)}$$

3.10.1.3 摂餌量測定

例数 : 全例

測定日 : 同居開始から2週間および剖検日を除き, 体重測定と同じ日に実施し

た。

測定方法 : 電子式上皿天秤 (GX-2000, 株式会社 エー・アンド・デイ) を用いて、0.1 g 単位で記録した。
投与開始日に適当量を測定後ケージ毎に給餌し、その後は測定日に残餌量および給餌量を測定した。ただし、剖検前日は残餌量のみ測定した。次に示す式により、摂餌量 (g/rat/day) を算出した。

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

3.10.1.4 剖検

例数 : 全例
時期 : 投与 42 日の翌日 (Day 43) 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からの放血により安楽死させ、全身の器官・組織を肉眼的に観察した。また、以下の器官・組織を 10% 中性緩衝ホルマリン液に固定・保存した。なお、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。
器官・組織名 : 肝臓、腎臓、精巣、精巣上体、前立腺、精囊 (凝固腺含む) および肉眼的異常部位 (正常組織との境界部を含む)。

3.10.1.5 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。左右のある器官については、左右合わせて測定した。
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。

$$\text{相対重量 (g/100 g または mg/100 g)} = \frac{\text{絶対重量 (g または mg)}}{\text{剖検日体重 (g)}} \times 100$$

器官名 : 肝臓、腎臓、精巣、精巣上体、精囊 (凝固腺含む); 以上 (g)
前立腺; (mg)

3.10.1.6 病理組織学的検査

例数 : 全例について標本作製を実施し、対照群および高用量群の全例ならびに交尾不成立例および交配相手雌を妊娠させなかった雄について鏡

検した。鏡検の結果、肝臓および腎臓に被験物質投与の影響と考えられる変化がみられたことから、低、中用量群の肝臓および腎臓についても鏡検を実施した。その他の器官・組織については、被験物質投与の影響と考えられる変化は認められなかったため、低、中用量群の動物の鏡検は実施しなかった。

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。また、雄の 10 mg/kg 群の 2 例 (No.10301 および 10305) および 100 mg/kg 群の 2 例 (No.10401 および 10402) の腎臓については、 $\alpha 2u$ -グロブリン抗体を用いた免疫染色標本を作製して顕鏡した。

器官・組織名 : 精巣、精巣上体、精囊 (凝固腺含む)、前立腺、器官重量に変化がみられた肝臓および腎臓。剖検時に肉眼的異常所見がみられた対照群および 10 mg/kg 群の雄各 1 例 (No.10112 および No.10305) の精巣上体。

3.10.2 雌動物について

3.10.2.1 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 : 雄動物と同じ

観察方法 : 雄動物と同じ

3.10.2.2 体重測定

例数 : 全例

測定日 : 投与 1, 3, 7, 14 日の投与前,
妊娠 0, 7, 14 および 20 日の投与前,
哺育 0 日の投与前および哺育 4 日。
ただし、不妊例は妊娠 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)

測定方法 : 雄動物と同じ

体重増加量 : 以下の式により算出した。

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 4 日体重 (g) - 哺育 0 日体重 (g)

3.10.2.3 摂餌量測定

例数 : 全例

測定日 : 同居開始から 2 週間, ならびに不妊例および交尾不成立例の剖検日を除き, 体重測定の測定日と同じ. ただし, 妊娠 20 日および哺育 4 日は残量のみ, 妊娠 0 日および哺育 0 日は給餌量のみ.

測定方法 : 雄動物と同じ

3.10.2.4 剖検

例数 : 全例

時期 : 哺育 4 日

ただし, 交尾不成立例は交配期間終了後 24 日 (投与 51 日の翌日) に, 妊娠 25 日まで分娩が認められない交尾成立例は妊娠 26 日に実施した.

検査方法 : 雄動物と同様に剖検し, 以下の器官・組織を 10% 中性緩衝ホルマリンに固定・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. 妊娠黄体数および着床数を数えた.

器官・組織名 : 肝臓, 腎臓, 卵巣, 子宮, 膣, 乳腺および肉眼的異常部位 (正常組織との境界部を含む).

3.10.2.5 器官重量測定

例数 : 全例

時期 : 剖検時

測定方法 : 雄動物と同じ

相対重量の算出 : 雄動物と同じ

器官名 : 肝臓, 腎臓 ; 以上 (g)
卵巣 ; (mg)

3.10.2.6 病理組織学的検査

例数 : 雄動物と同じ. また, 交尾不成立例および不妊例も検査した.

検査方法 : 雄動物と同じ

器官・組織名 : 卵巣, 子宮, 膣, 器官重量に変化がみられた肝臓および腎臓. 剖検時に肉眼的異常所見がみられた対照群の雌 1 例 (No.50155) の卵管および子宮角部.

3.10.3 雌雄動物の生殖および新生児の発生について

3.10.3.1 性周期検査

例数	: 雌の全例
期間	: 投与開始日から交尾成立日まで。 交尾不成立例については交配期間終了日まで。
方法	: ギムザ染色による膺垢塗抹標本を作製し、光学顕微鏡下で性周期段階を判定した。
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休止期) を4日から6日の間隔で繰り返すものを正常とした。発情期あるいは発情休止期が7日以上継続してみられるものを連続発情または連続非発情とし、異常と判定した。 投与1日から投与14日までの14日間について、発情期間隔、発情回数および性周期異常の動物数を算出した。

3.10.3.2 生殖能検査

例数	: 雌雄の全例
時期	: 投与14日より最長14日間 (交配開始日の翌日を交配1日とした)。
交配組合せ	: 同一群の動物番号末尾が同一の動物を一对とした。
方法	: 同試験群内の雌雄1対を交配開始日の夕刻より交尾が確認されるまで連続同居させた。
交尾成立の確認方法	: 膺内または受皿上に落下した膺栓, あるいは膺垢スメア標本中の精子確認を行った。いずれかが認められた日を交尾成立日 (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起算した。 次式から群毎に交尾率を算出した。

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

受胎能	: 妊娠の確認を分娩の有無および剖検時に子宮内の着床痕の計数により行った。次式から群毎に受胎率を算出した。
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$$\text{受胎率 (Fertility index, \%)} = \frac{\text{受胎動物数}}{\text{交尾成立動物数}} \times 100$$

3.10.3.3 分娩および哺育状態観察

例数	: 交尾成立した雌の全例
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- 分娩観察 : 交尾が確認された雌動物は全例自然分娩させた。
分娩状態を妊娠 21 日から 25 日まで、毎日少なくとも 3 回 (9 : 00, 13 : 00 および 17 : 00) 観察した。
- 分娩終了の確認 : 9 : 00 までに分娩終了した場合にその日を哺育 0 日 (生後 0 日) とした。
次式から群毎に出産率を算出した。

$$\text{出産率 (Gestation index, \%)} = \frac{\text{正常出産雌数}}{\text{妊娠雌数}} \times 100$$

- 妊娠期間の算出 : 妊娠 0 日から哺育 0 日までの期間の日数を計数した。
- 着床率の算出 : 剖検時に各雌の卵巢の妊娠黄体数を計数した。次式から腹毎に着床率を算出した。

$$\text{着床率 (Implantation index, \%)} = \frac{\text{着床数}}{\text{黄体数}} \times 100$$

- 出産児の観察 : 生後 0 日のすべての出産児について生死および性別を確認し、外表を観察した。腹毎に生存児数と死亡児数とを計数し、それらの合計を出産児数とした。次式から腹毎に出生率、生存児の外表異常児出現率を、群毎に性比を算出した。

$$\text{出生率 (Birth index, \%)} = \frac{\text{生後 0 日の生存児数}}{\text{着床数}} \times 100$$

$$\text{出產生児の性比 (Sex ratio, \%)} = \frac{\text{雄生存児数}}{\text{雄生存児数} + \text{雌生存児数}} \times 100$$

$$\text{外表異常児出現率(\%)} = (\text{外表異常児数} / \text{出產生児数}) \times 100$$

$$\text{外表異常児を持つ腹の頻度} = \text{外表異常児を持つ腹数} / \text{出産動物数}$$

3.10.3.4 出産児の一般状態観察

- 例数 : 全例
- 頻度 : 1 回/日
- 期間 : 生後 0 日から生後 4 日までとした。
- 観察方法 : 生後 0 日および 4 日に生死を確認し、一般状態は毎日 1 回観察した。
なお、死亡例は発見日に剖検した。
- 新生児生存率の算出 : 生後 0 日および生後 4 日の新生児生存率を次式から算出した。

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

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

3.10.3.5 新生児の体重測定

- 例数・時期 : 生存児全例について、生後 0 および 4 日に実施した。
- 測定方法 : 電子式上皿天秤 (GX-2000, 株式会社 エー・アンド・デイ) を用いて個別に測定し、0.1 g まで記録した。雌雄別に腹あたりの平均体重を算出した。

3.10.3.6 新生児の剖検

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

3.11 統計学的方法

コンピュータシステム (MiTOX, 三井造船システム技研株式会社) を用いて実施した。

体重, 体重増加量, 摂餌量, 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, 妊娠黄体数, 着床数および着床率, 出産児数, 出産時の生存児数および死亡児数, 出生率, 妊娠期間, 生後 4 日の生存率および外表異常胎児出現率の成績について群平均および標準偏差を算出し, Bartlett の検定法を行い, 等分散性を解析した。等分散 ($p \geq 0.05$) の場合は一元配置分散分析法で解析し, 不等分散 ($p < 0.05$) の場合は Kruskal-Wallis の検定法で解析した。一元配置分散分析の結果, 有意差がみられた場合 ($p < 0.1$) は Dunnett の検定法を用いて対照群との比較を行った。Kruskal-Wallis 法の解析の結果, 有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いて対照群との比較を行った。なお, 生後 0 日の生存率は別途統計解析システム (三研システム株式会社) を用いて上記と同様の検定を実施した。

性周期の異常の発現率, 交尾率, 受胎率, 出産率, 児動物の性比, 外表異常児を持つ腹の頻度および病理組織学的検査の所見については, Fisher の直接確率検定法を用いた。

対照群との比較検定については, 有意水準は 5%とした。

3.12 データの取得

生データ収集は以下の方法で実施した。

- オンラインデータ ; 雌雄親動物の一般状態, 体重, 体重増加量および摂餌量(交尾成立雌は妊娠 20 日まで), 器官重量 (雄), 病理組織学的検査
- オフラインデータ ; 性周期検査, 生殖能検査, 黄体数, 分娩観察, 着床痕数, 出産児数,

生存児数，死亡児数，性別，哺育期間中の母動物の一般状態，哺育期間中の体重，摂餌量，剖検および器官重量 (雌)，新生児の一般状態，体重および剖検

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。

4 成績

4.1 親動物について

4.1.1 一般状態

一般状態の成績を Table 1-1 ~ 1-8, Appendix 1-1 ~ 1-36 に示す。

一般状態では，雌雄ともにいずれの投与群にも異常は認められなかった。

4.1.2 体重

体重推移を Figure 1-1 および 1-2, Table 2-1 ~ 2-4, Appendix 2-1 ~ 2-20 に示す。

体重では，雌雄ともにいずれの被験物質投与群にも対照群との間に有意な差は認められなかった。体重増加量では，100 mg/kg 群で雌の投与 1-14 日に有意な高値，哺育 0-4 日に有意な低値がみられた。

4.1.3 摂餌量

摂餌量を Figure 2-1 および 2-2, Table 3-1 ~ 3-4, Appendix 3-1 ~ 3-20 に示す。

摂餌量では，100 mg/kg 群で雄の投与 3 日に有意な低値，雌の投与 14 日に有意な高値，哺育 4 日に有意な低値がみられた。

4.1.4 剖検

剖検所見を Table 4-1 および 4-2, Appendix 4-1 ~ 4-8 に示す。

剖検では，雌雄ともに被験物質投与に起因した変化は認められなかった。

10 mg/kg 群の雄 1 例で，精巣上体に片側性の尾部黄白色巣が認められたが，対照群でも 1 例にみられた変化であり，用量相関性もみられないことから被験物質投与との関連はないと考えられた。その他に，雌の哺育 4 日の剖検で対照群の 1 例に子宮角部の低形成および卵管の片側性嚢胞が認められた。

交尾不成立例および不妊例では，異常所見は認められなかった。

4.1.5 器官重量

器官重量の成績を Table 5-1 および 5-2, Appendix 5-1 ~ 5-9 に示す。

器官重量では，100 mg/kg 群の雌雄で肝臓および腎臓の絶対および相対重量に対照群と比較して統計学的に有意な高値，雄で精巣上体の絶対重量に有意な低値が認められた。その他に，1 mg/kg 群の雌で，腎臓の絶対および相対重量に有意な高値が認められたが，用量相関性がみら

れないことから被験物質投与とは関連がないと考えられた。

4.1.6 病理組織学的検査

病理組織学的所見を Table 6-1～6-5, Appendix 6-1～6-16 に示す。

病理組織学的検査では、軽微な小葉中心性肝細胞肥大が 100 mg/kg 群で雄に 12 例、雌に 7 例みられた。また、雄の腎臓に近位尿細管上皮の好酸性小体 (No.10301, 10305, 10401 および 10402 について実施した α 2u-グロブリン抗体による免疫染色陽性) が 100 mg/kg 群で 12 例 (軽微 1 例, 軽度 11 例), 10 mg/kg 群で 6 例 (軽微), 軽微な尿細管の好塩基性化が 100 mg/kg 群で 9 例認められた。これらの所見の出現頻度は対照群と比較して統計学的に有意な高値であった。なお、軽微な尿細管の好塩基性化は雄の 10 および 1 mg/kg 群でもそれぞれ 1 および 2 例、雌の 100 mg/kg 群で 1 例みられたが、自然発生する所見であり⁸⁾、出現頻度の増加がみられないことから、これらの用量群については被験物質投与との関連性はないと考えられた。その他に、各群の雄または雌で種々の変化がみられたが、対照群または背景データにみられる所見であり⁸⁾、出現頻度に用量相関性もみられないことから、いずれも偶発所見であると判断した。

交尾不成立例の雌雄、不妊例および交配相手を妊娠させなかった雄では、1 mg/kg 群の交尾不成立例の雌 1 例で膈の閉鎖がみられ、先天的な異常と考えられた。

4.2 雌雄動物の生殖および新生児の発生について

4.2.1 性周期

性周期の成績を Table 7, Appendix 7-1～7-8 に示す。

交配前 14 日間の性周期観察では、いずれの群の動物にも性周期に異常はなく、発情期間隔および発情回数には、各被験物質投与群と対照群との間に有意な差は認められなかった。

1 mg/kg 群の 1 例 (No. 50257) で交配期間中に 13 日間の連続非発情がみられ、この動物は交尾が成立しなかった。この連続非発情は用量関連性がないことから、被験物質投与との関連性はないものと判断された。

4.2.2 生殖能検査

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

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

なお、1 mg/kg 群の 1 対 (No. 10207, No. 50257) では、雌の性周期が連続非発情となったため交尾が成立しなかった。1 mg/kg 群の 1 対 (No. 10209, No. 50259) および 100 mg/kg 群の 1 対 (No. 10401, No. 50451) では雌が妊娠していなかったが、原因は不明であった。

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 9-1～9-3, Appendix 9-1～9-12 に示す。

妊娠黄体数，着床数，着床率，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，出生率，出産生児の性比には，各被験物質投与群と対照群との間に有意な差は認められなかった．いずれの生存児にも外表異常はみられなかった．

4.2.4 出産児の一般状態および生存率

出産児の一般状態および生存率の成績を Table 10 および 11, Appendix 10-1 ~ 10-8, 11-1 ~ 11-4 に示す．

出産児の一般状態では，被験物質投与に起因する所見は認められなかった．なお，100 mg/kg 群の 1 例で生後 0 日に出生児にミルクバンドが認められなかったが，1 例のみであり，生後 1 日以降は異常がみられないことから偶発的なものと考えられた．

生後 0 日および生後 4 日の生存率には，各被験物質投与群と対照群との間に有意な差は認められなかった．

4.2.5 新生児の体重

新生児の体重の成績を Figure 3, Table 12, Appendix 12-1 ~ 12-4 に示す．

新生児の体重では，生後 0 日には各被験物質投与群と対照群との間に有意な差は認められなかった．生後 4 日では，100 mg/kg 群の雌で有意な低値がみられた．

4.2.6 新生児の剖検

新生児の剖検の成績を Table 13, Appendix 13-1 ~ 13-4 に示す．

生後 0-4 日の死亡児および生後 4 日の生存児の剖検では，いずれの群の動物にも異常は認められなかった．

5 考察

リン酸トリアリルの 0 (対照：1%MC)，1，10 および 100 mg/kg/day を 1 群雌雄各 12 匹の CrI:CD(SD) ラットに，雄ラットに対しては交配前，交配期間および交配後を含む計 42 日間，雌ラットに対しては交配前，交配および妊娠期間，ならびに分娩後 3 日までの期間 (40 ~ 51 日間) 経口投与し，その性腺機能，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．

5.1 親動物について

一般状態では，被験物質投与と関連のある変化はみられなかった．

体重，体重増加量および摂餌量では，100 mg/kg 群の雄で投与 3 日の摂餌量，雌で哺育 4 日の摂餌量および哺育 0-4 日の体重増加量に有意な低値がみられ，被験物質投与の影響と考えられた．リン酸トリアリルの 14 日間反復経口投与毒性予備試験 (投与量：1，10，100，300，1000 mg/kg/day)⁷⁾では，300 mg/kg 群の雌で摂餌量の低値傾向，1000 mg/kg 群の雌雄で体重および摂

餌量の低下がみられている。100 mg/kg 群の雌で交配前期間にみられた体重増加量および摂餌量の有意な高値はこれとは逆の変化であり、被験物質投与との関連性はないと考えられた。

病理学的検査では、肝臓に 100 mg/kg 群の雌雄で絶対および相対重量の有意な高値がみられ、病理組織学的検査において、同群の雌雄で小葉中心性肝細胞肥大が有意に高い頻度で認められた。また、腎臓に 100 mg/kg 群の雌雄で絶対および相対重量の有意な高値がみられ、100 mg/kg 群の雄で近位尿細管上皮の好酸性小体および尿細管の好塩基性化、10 mg/kg 群で近位尿細管上皮の好酸性小体が有意に高い頻度で認められた。 α 2u-グロブリン抗体による免疫染色を 10 および 100 mg/kg 群の雄各 2 例の腎臓で実施した結果、陽性だったことから、近位尿細管上皮の好酸性小体は α 2u-グロブリン腎症と考えられた。これらの肝臓および腎臓の変化は、28 日間反復経口投与毒性試験⁵⁾でも 100 mg/kg の用量で雄にみられており、被験物質投与の影響と考えられた。なお、 α 2u-グロブリン腎症は雄ラットに特有な変化であり、ヒトに外挿することはできないことから⁹⁾、毒性変化ではないと考えられた。その他に、100 mg/kg 群の雄で精巣上体の絶対重量に有意な低値が認められたが、相対重量には変化がないことに加えて病理組織学的検査で変化がみられないことから、毒性学的意義はないと考えられた。

5.2 雌雄動物の生殖および新生児の発生について

親動物の生殖能については、性周期、交尾率、受胎率、交尾所要日数、妊娠黄体数、着床数、着床率、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、出生率、出産生児の性比、出生児の外表所見には、100 mg/kg 群まで被験物質投与に関連した変化は認められなかった。

次世代の発生・発育については、100 mg/kg 群の生後 4 日の雌の体重に有意な低値がみられた。同群では哺育期間の親動物の摂餌量に有意な低値がみられており、これに関連した変化である可能性が考えられた。新生児の一般状態、生後 0 日および 4 日の生存率ならびに剖検では被験物質投与に関連した変化は認められなかった。

以上のことから、本試験条件下におけるリン酸トリアリルの雄親動物の無影響量(NOEL) は 10 mg/kg 群で近位尿細管上皮の好酸性小体 (α 2u-グロブリン抗体による免疫染色陽性) が認められたことから 1 mg/kg/day、無毒性量(NOAEL) は 100 mg/kg 群で摂餌量の低値、肝臓および腎臓重量の増加、小葉中心性肝細胞肥大および尿細管の好塩基性化が認められたことから 10 mg/kg/day であり、雌親動物の無影響量 (NOEL) および無毒性量 (NOAEL) は、100 mg/kg 群で体重増加量および摂餌量の減少、肝臓および腎臓重量の増加、小葉中心性肝細胞肥大が認められたことから 10 mg/kg/day と判断した。一方、親動物の生殖能に対する無影響量 (NOEL) およ

び無毒性量 (NOAEL) は、被験物質投与に関連した変化が 100 mg/kg まで認められなかったことから 100 mg/kg/day, 次世代の発生・発育に対する無影響量 (NOEL) および無毒性量 (NOAEL) は、100 mg/kg 群で雌の出生児体重に低値がみられたことから 10 mg/kg/day と判断した。

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要因はなかった。

7 資料の保存

7.1 資料の種類

以下の資料を、株式会社 化合物安全性研究所の資料保存室に保存する。

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

7.2 保存期間

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

8 参考資料

- 1) 製品安全データシート. 東京化成工業株式会社. (2012/02/20)
- 2) 東京化成工業株式会社ホームページ. オンラインカタログ.
- 3) 試験成績書. 東京化成工業株式会社.
- 4) 報告書 No.X0162 東京化成工業株式会社.
- 5) 最終報告書:リン酸トリアリルのラットにおける 28 日間反復経口投与毒性試験. 株式会社 化合物安全性研究所.
- 6) 最終報告書 投与液中のリン酸トリアリル濃度確認試験 NCAS 13-141 株式会社日曹分析センター-2013 年 11 月 29 日
- 7) 最終報告書:リン酸トリアリルのラットにおける 14 日間反復経口投与毒性予備試験. 株式会社 化合物安全性研究所.
- 8) 背景データ: Crl:CD (SD) ラット. 株式会社 化合物安全性研究所 社内資料
- 9) Swenberg, J.A., Short, B., Borghoff, S., Strasser, J., Charbonneau, M. (1989) The Comparative Pathobiology of $\alpha_2\mu$ -Globulin Nephropathy. Toxicol. Appl. Pharmacol. 97, 35-46.

Figure 1-1

Study No. : SR13053

Body weight, Male

Period : Day 1-42

Species : Rat

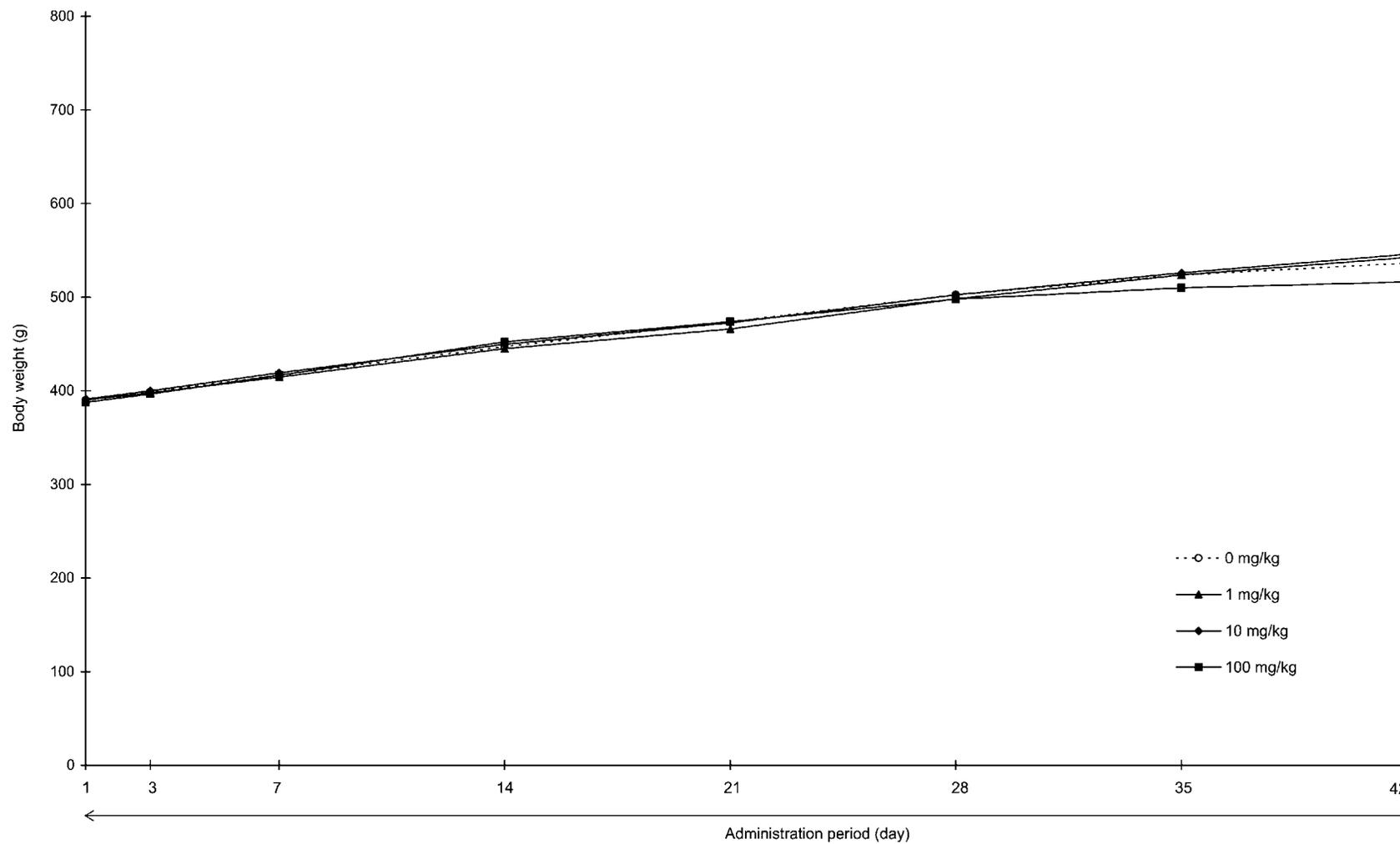


Figure 1-2

Study No. : SR13053

Body weight, Female

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

Species : Rat

- 30 -

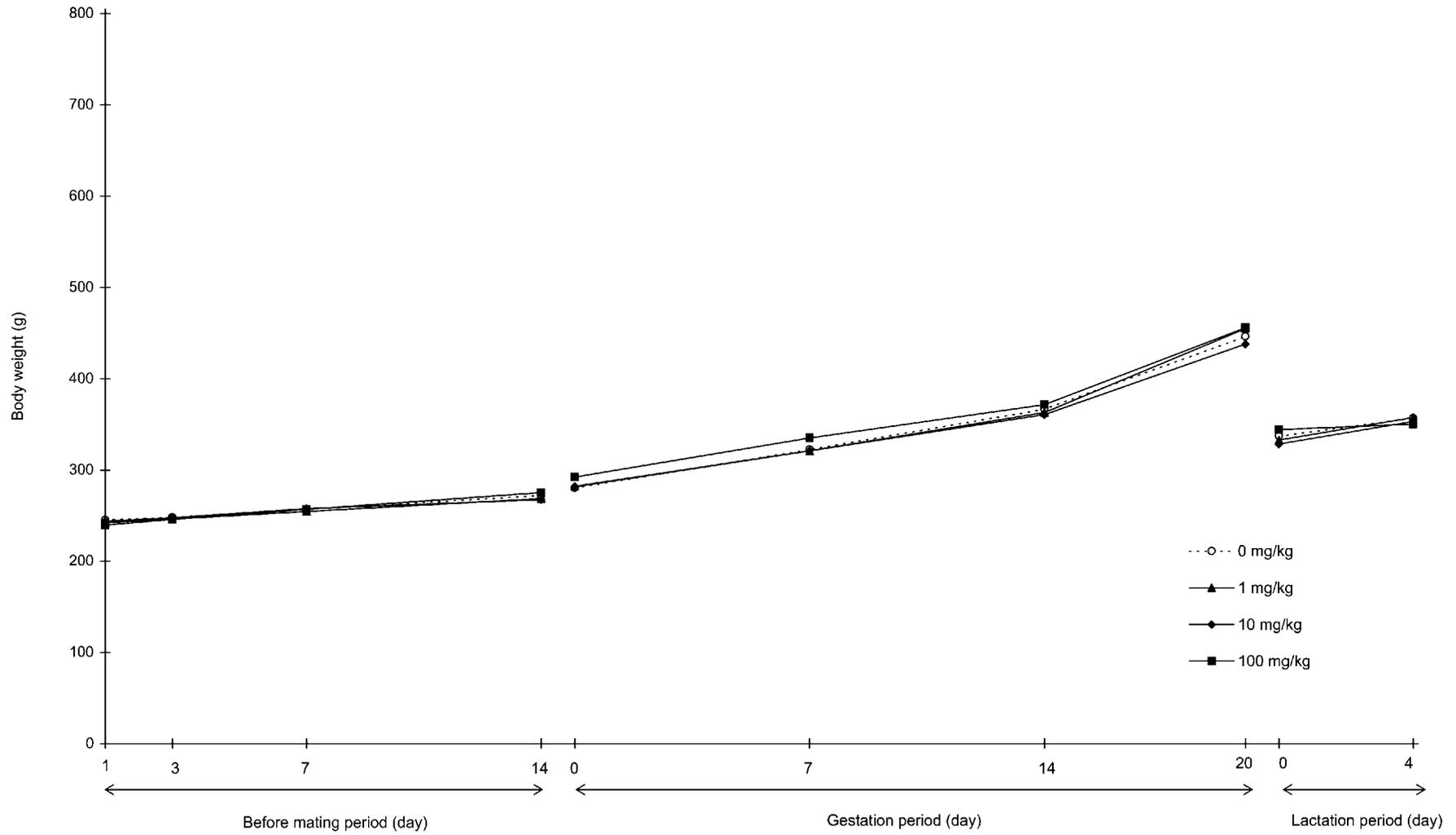


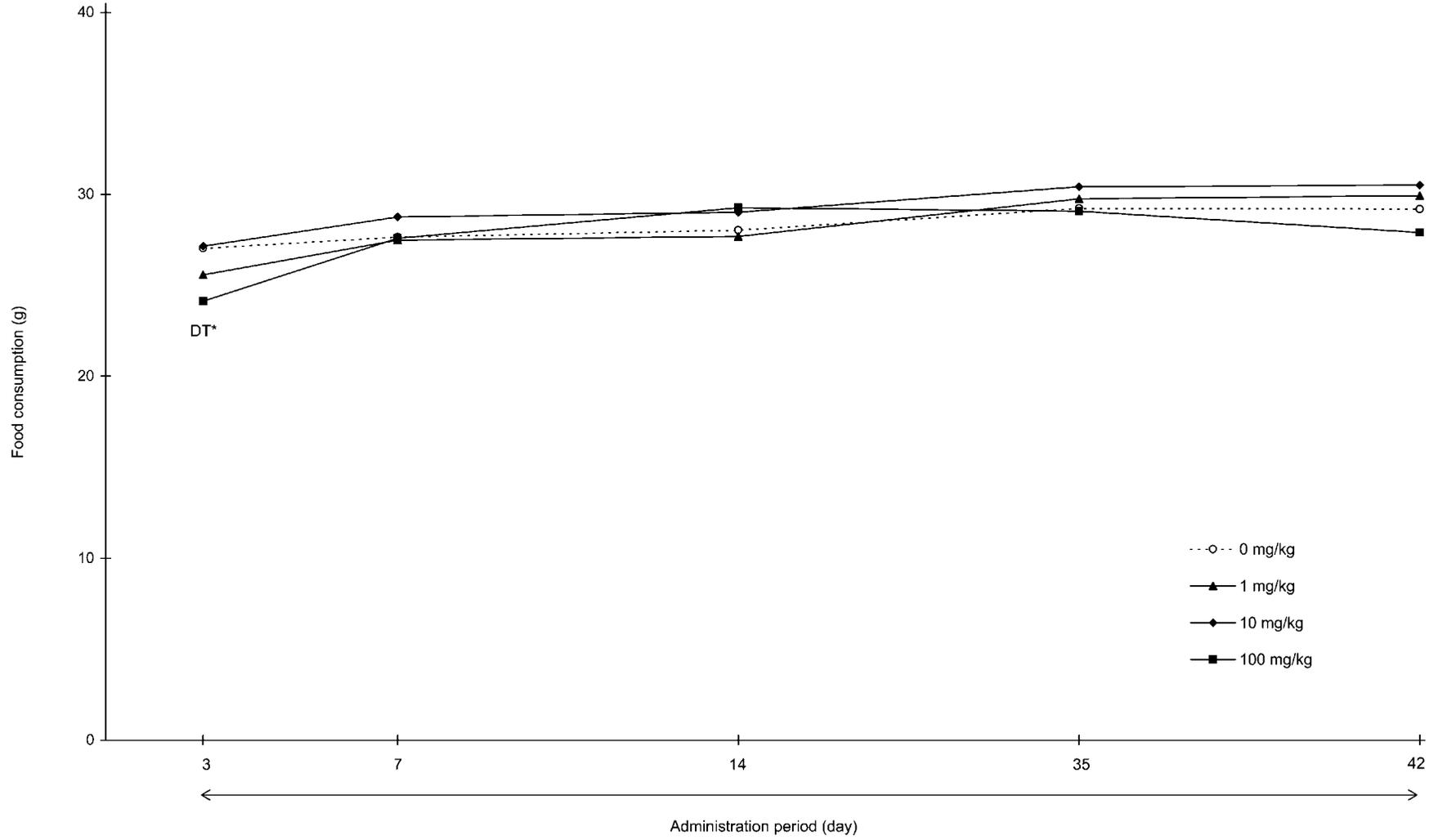
Figure 2-1

Study No. : SR13053

Food consumption, Male

Period : Day 1-42

Species : Rat



Significantly different from Triallyl Phosphate 0 mg/kg: * P<0.05
DT : Dunnett test

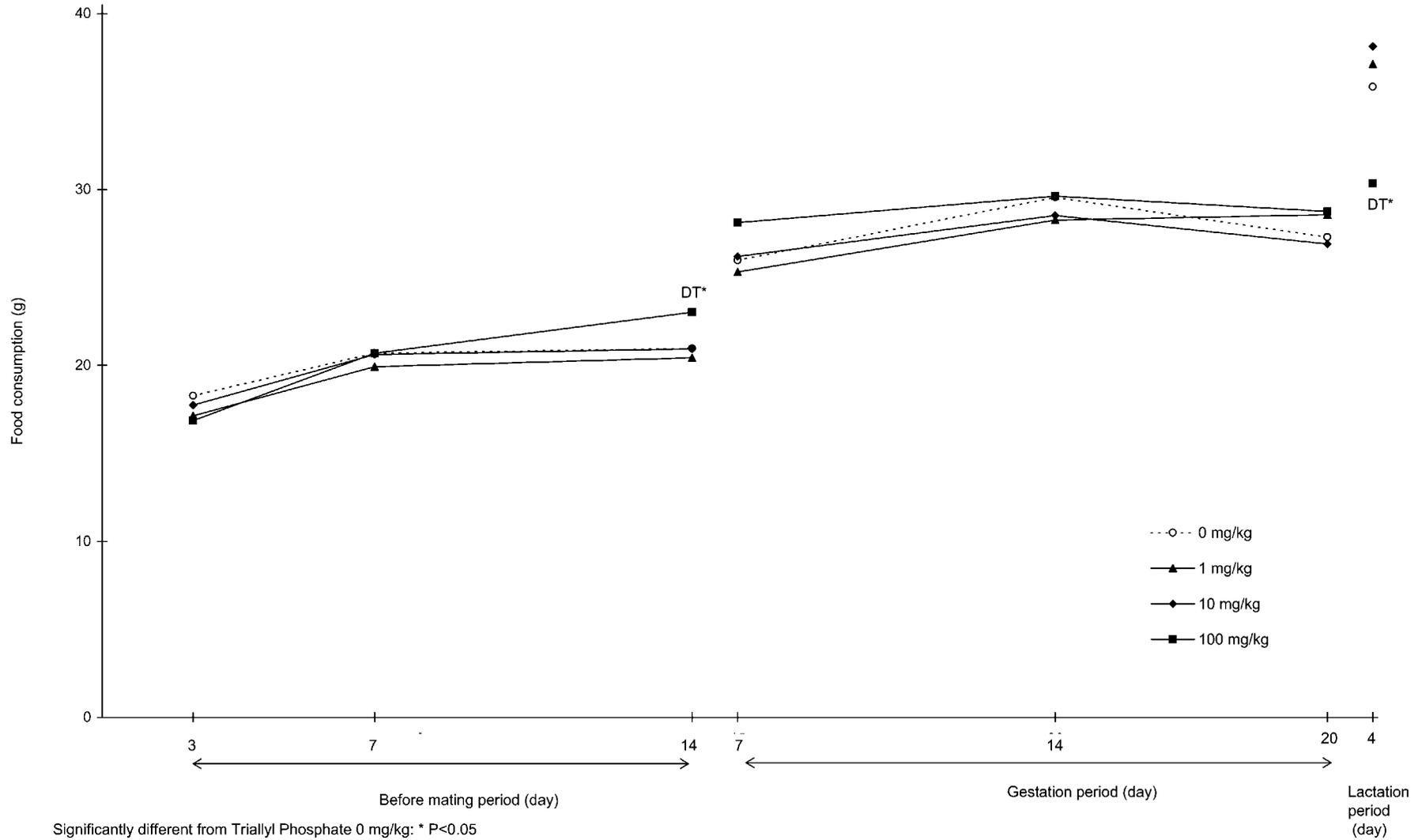
Figure 2-2

Study No. : SR13053

Food consumption, Female

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

Species : Rat



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

DT : Dunnett test

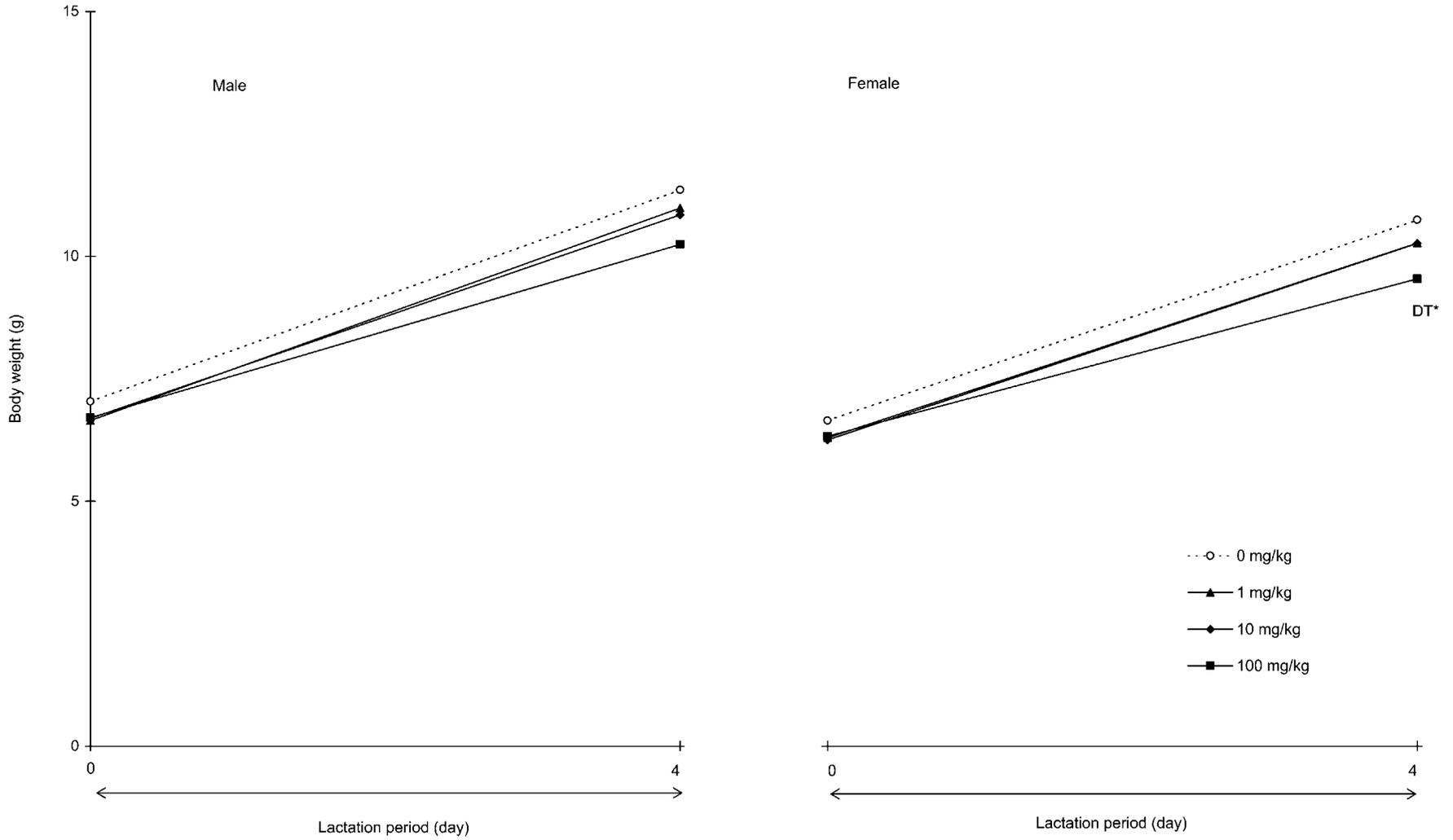
Figure 3

Study No. : SR13053

Body weight of offspring

Period : Lactation Day 0-4

Species : Rat



Significantly different from Triallyl Phosphate 0 mg/kg: * P<0.05
DT : Dunnett test

Table 1 - 1

Study No. : SR13053

Clinical sign Sex : Male		Period : Day 1-43															Species : Rat						
Test article Dose	Clinical signs	Day	1			2			3			4			5			6					
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
Trialyl Phosphate 0 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate 1 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate 10 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate 100 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Test article Dose	Clinical signs	Day	6		7			8			9			10			11						
		Time	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2					
Trialyl Phosphate 0 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Trialyl Phosphate 1 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Trialyl Phosphate 10 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Trialyl Phosphate 100 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Test article Dose	Clinical signs	Day	11 <th colspan="3">12</th> <th colspan="3">13</th> <th colspan="3">14</th> <th colspan="3">15</th> <th colspan="3">16</th>		12			13			14			15			16						
		Time	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3					
Trialyl Phosphate 0 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Trialyl Phosphate 1 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Trialyl Phosphate 10 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Trialyl Phosphate 100 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Test article Dose	Clinical signs	Day	17			18			19			20			21			22					
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1					
Trialyl Phosphate 0 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
Trialyl Phosphate 1 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
Trialyl Phosphate 10 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
Trialyl Phosphate 100 mg/kg	n No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				

1 : Pre-dosing, 2 : Post-dosing, 3 : PM

Table 1 - 2

Study No. : SR13053

Clinical sign Sex : Male		Period : Day 1-43																	
		Species : Rat																	
Test article	Dose	Clinical signs	Day 22		23			24			25			26			27		
			Time	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2
Triallyl Phosphate	n		12	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	12
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Triallyl Phosphate	n		12	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	12
Test article	Dose	Clinical signs	Day 27		28			29			30			31			32		
			Time	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Triallyl Phosphate	n		12	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	12
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Triallyl Phosphate	n		12	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	12
Test article	Dose	Clinical signs	Day 33		34			35			36			37			38		
			Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1
Triallyl Phosphate	n		12	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	12
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Triallyl Phosphate	n		12	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	12
Test article	Dose	Clinical signs	Day 38		39			40			41			42		43			
			Time	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4	
Triallyl Phosphate	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	
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
Triallyl Phosphate	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	

1 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Table 1 - 3

Study No. : SR13053

Clinical sign		Period : F0 Day 1-52																			
Sex : Female		Species : Rat																			
Test article	Dose	Clinical signs	Day	1			2			3			4			5			6		
			Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Trialyl Phosphate	n		12	12	12	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	12	12	12
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate	n		12	12	12	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	12	12	12
Test article	Dose	Clinical signs	Day	6			7			8			9			10			11		
			Time	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
Trialyl Phosphate	n		12	12	12	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	12	12	12
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Trialyl Phosphate	n		12	12	12	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	12	12	12
Test article	Dose	Clinical signs	Day	11			12			13			14			15			16		
			Time	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	8	8	8	8	8	5	5	5
0 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	8	8	8	8	5	5	5	
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	8	8	8	8	8	8	8	
1 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	8	8	8	8	8	8	8	
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	8	8	8	
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	10	10	10	8	8	8		
Trialyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	8	8	8	7	7	7		
100 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	8	8	8	7	7	7		
Test article	Dose	Clinical signs	Day	17			18			19			20			21			22		
			Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Trialyl Phosphate	n		3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
0 mg/kg	No abnormality		3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
Trialyl Phosphate	n		4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1 mg/kg	No abnormality		4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Trialyl Phosphate	n		6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10 mg/kg	No abnormality		6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Trialyl Phosphate	n		3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
100 mg/kg	No abnormality		3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

1 : Pre-dosing, 2 : Post-dosing, 3 : PM

Table 1 - 4

Study No. : SR13053

Clinical sign		Period : F0 Day 1-52																			
Sex : Female		Species : Rat																			
Test article	Dose	Clinical signs	Day	22			23			24			25			26			27		
			Time	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Test article	Dose	Clinical signs	Day	27			28			29			30			31			32		
			Time	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Test article	Dose	Clinical signs	Day	33			34			35			36			37			38		
			Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Test article	Dose	Clinical signs	Day	38			39			40			41			42			43		
			Time	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1 mg/kg	No abnormality			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trialyl Phosphate	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

1 : Pre-dosing, 2 : Post-dosing, 3 : PM

Table 1 - 5

Study No. : SR13053

		Period : F0 Day 1-52												Species : Rat					
Clinical sign Sex : Female		Day 43			44			45			46			47			48		
Test article		Time	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
Dose	Clinical signs																		
Triallyl Phosphate	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	
Triallyl Phosphate	n		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Triallyl Phosphate	n		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Triallyl Phosphate	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	
Test article		Day	49			50			51			52							
Dose	Clinical signs	Time	1	2	3	1	2	3	1	2	3	1	2	3	4				
Triallyl Phosphate	n		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				
Triallyl Phosphate	n		1	1	1	1	1	1	1	1	1	1	1	1	1				
1 mg/kg	No abnormality		1	1	1	1	1	1	1	1	1	1	1	1	1				
Triallyl Phosphate	n		0	0	0	0	0	0	0	0	0	0	0	0	0				
10 mg/kg	No abnormality		0	0	0	0	0	0	0	0	0	0	0	0	0				
Triallyl Phosphate	n		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				

1 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Table 1 - 6

Study No. : SR13053

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

1 : Pre-dosing, 2 : Post-dosing, 3 : PM

Table 1 - 7

Study No. : SR13053

Clinical sign Sex : Female		Period : F0 gestation Day 0-22						Species : Rat
Test article	Dose	Clinical signs	Day 21		Day 22			
			Time 2	3	1	2	3	
Triallyl Phosphate	n		12	12	6	6	6	
0 mg/kg	No abnormality		12	12	6	6	6	
Triallyl Phosphate	n		10	10	3	3	3	
1 mg/kg	No abnormality		10	10	3	3	3	
Triallyl Phosphate	n		12	12	2	2	2	
10 mg/kg	No abnormality		12	12	2	2	2	
Triallyl Phosphate	n		11	11	7	7	7	
100 mg/kg	No abnormality		11	11	7	7	7	

1 : Pre-dosing, 2 : Post-dosing, 3 : PM

Table 1 - 8

Study No. : SR13053

Clinical sign Sex : Female		Period : F0 lactation Day 0-4												Species : Rat	
Test article	Dose	Clinical signs	Day 0			1			2			3			4
			Time	1	2	3	1	2	3	1	2	3	1	2	3
Triallyl Phosphate	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
Triallyl Phosphate	n		10	10	10	10	10	10	10	10	10	10	10	10	
1 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	
Triallyl Phosphate	n		12	12	12	12	12	12	12	12	12	12	12	12	
10 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	
Triallyl Phosphate	n		11	11	11	11	11	11	11	11	11	11	11	11	
100 mg/kg	No abnormality		11	11	11	11	11	11	11	11	11	11	11	11	

1 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Table 2 - 1

Study No. : SR13053

Test article Dose	Body weight Sex : Male /Day	Period : Day 1-42									Unit : g Body weight gain	Species : Rat
		1	3	7	14	21	28	35	42			
Triallyl Phosphate 0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	
	Mean	390.1	398.9	416.9	447.5	473.7	502.8	523.7	536.8	146.8		
	S.D.	17.7	20.3	21.9	22.4	22.0	23.4	24.1	25.9	13.6		
Triallyl Phosphate 1 mg/kg	n	12	12	12	12	12	12	12	12	12		
	Mean	390.4	397.7	414.6	445.2	466.2	498.1	523.8	542.5	152.1		
	S.D.	19.1	20.9	22.0	22.7	25.5	29.5	30.5	33.5	26.7		
Triallyl Phosphate 10 mg/kg	n	12	12	12	12	12	12	12	12	12		
	Mean	391.3	400.0	419.4	449.8	472.6	502.5	526.1	545.9	154.7		
	S.D.	22.2	22.4	25.1	29.5	30.2	36.5	38.9	38.9	23.0		
Triallyl Phosphate 100 mg/kg	n	12	12	12	12	12	12	12	12	12		
	Mean	387.8	396.7	416.7	452.3	473.8	497.8	510.1	516.4	128.6		
	S.D.	20.3	21.5	25.1	31.2	27.3	31.8	28.7	29.6	23.8		

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 2 - 2

Study No. : SR13053

Test article Dose	Body weight Sex : Female		Period : F0 before mating Day 1-14				Body weight gain	Unit : g	Species : Rat
	/Day		1	3	7	14			
Triallyl Phosphate 0 mg/kg	n	12	12	12	12	12	12		
	Mean	245.3	248.0	256.9	272.0	26.7			
	S.D.	13.2	16.6	20.0	20.4	11.5			
Triallyl Phosphate 1 mg/kg	n	11	11	11	11	11			
	Mean	242.1	246.1	254.3	268.5	26.5			
	S.D.	12.7	7.9	9.1	10.7	8.0			
Triallyl Phosphate 10 mg/kg	n	12	12	12	12	12			
	Mean	243.7	247.6	257.5	267.5	23.8			
	S.D.	11.6	8.0	9.3	11.1	4.9			
Triallyl Phosphate 100 mg/kg	n	12	12	12	12	12			
	Mean	239.6	245.7	256.8	275.2	35.6			
	S.D.	13.4	13.1	14.3	19.0	8.2			

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

DT : Dunnett test (two-side)

Table 2 - 3

Study No. : SR13053

Test article Dose	Body weight Sex : Female		Period : F0 gestation Day 0-20				Body weight gain	Unit : g	Species : Rat
	/Day		0	7	14	20			
Triallyl Phosphate 0 mg/kg	n	12	12	12	12	12	12		
	Mean	280.4	322.2	366.6	446.3	165.8			
	S.D.	20.2	21.5	27.2	29.6	18.0			
Triallyl Phosphate 1 mg/kg	n	10	10	10	10	10			
	Mean	282.0	320.9	362.8	454.9	172.9			
	S.D.	11.8	16.2	20.3	22.2	19.8			
Triallyl Phosphate 10 mg/kg	n	12	12	12	12	12			
	Mean	281.4	320.8	360.4	437.9	156.5			
	S.D.	15.1	17.5	18.5	20.1	19.4			
Triallyl Phosphate 100 mg/kg	n	11	11	11	11	11			
	Mean	292.0	334.9	371.4	455.6	163.6			
	S.D.	13.8	13.6	15.1	24.4	26.0			

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 2 - 4

Study No. : SR13053

Test article Dose	Body weight Sex : Female		Period : F0 lactation Day 0-4		Unit : g	Species : Rat
	/Day		Body weight gain			
	n	0	4			
Triallyl Phosphate 0 mg/kg	n	12	12	12		
	Mean	337.0	356.8	19.8		
	S.D.	25.3	21.9	11.2		
Triallyl Phosphate 1 mg/kg	n	10	10	10		
	Mean	332.6	357.5	24.9		
	S.D.	22.8	18.1	12.0		
Triallyl Phosphate 10 mg/kg	n	12	12	12		
	Mean	328.3	353.0	24.7		
	S.D.	25.2	21.0	18.4		
Triallyl Phosphate 100 mg/kg	n	11	11	11		
	Mean	344.2	350.2	6.0		
	S.D.	14.6	16.4	8.6		
				DT *		

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

DT : Dunnett test (two-side)

Table 3 - 1

Study No. : SR13053

Test article Dose	Food consumption Sex : Male						Unit : g	Species : Rat
	Period : Day 1-42							
		/Day						
		3	7	14	35	42		
Triallyl Phosphate 0 mg/kg	n	12	12	12	12	12		
	Mean	27.03	27.66	28.03	29.23	29.19		
	S.D.	2.28	1.82	1.67	2.08	2.29		
Triallyl Phosphate 1 mg/kg	n	12	12	12	12	12		
	Mean	25.57	27.48	27.68	29.75	29.93		
	S.D.	2.42	1.84	1.54	2.02	2.43		
Triallyl Phosphate 10 mg/kg	n	12	12	12	12	12		
	Mean	27.15	28.76	29.01	30.42	30.51		
	S.D.	2.19	2.18	2.46	2.79	2.28		
Triallyl Phosphate 100 mg/kg	n	12	12	12	12	12		
	Mean	24.13	27.58	29.26	29.07	27.90		
	S.D.	2.80	2.17	2.57	2.09	2.33		

DT *

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

DT : Dunnett test (two-side)

Table 3 - 2

Study No. : SR13053

Test article Dose	Food consumption Sex : Female				Unit : g	Species : Rat
	Period : F0 before mating Day 1-14					
		/Day				
		3	7	14		
Triallyl Phosphate 0 mg/kg	n	12	12	12		
	Mean	18.28	20.71	20.97		
	S.D.	3.46	2.23	2.09		
Triallyl Phosphate 1 mg/kg	n	11	11	11		
	Mean	17.14	19.93	20.44		
	S.D.	1.97	1.07	1.32		
Triallyl Phosphate 10 mg/kg	n	12	12	12		
	Mean	17.75	20.63	20.94		
	S.D.	1.23	1.00	1.53		
Triallyl Phosphate 100 mg/kg	n	12	12	12		
	Mean	16.87	20.70	23.02		
	S.D.	2.53	1.89	2.37		
				DT *		

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

DT : Dunnett test (two-side)

Table 3 - 3

Study No. : SR13053

Test article Dose	Food consumption Sex : Female				Unit : g	Species : Rat
	Period : F0 gestation Day 0-20					
		/Day				
		7	14	20		
Triallyl Phosphate 0 mg/kg	n	12	12	12		
	Mean	25.98	29.56	27.29		
	S.D.	2.49	3.75	1.91		
Triallyl Phosphate 1 mg/kg	n	10	10	10		
	Mean	25.31	28.26	28.56		
	S.D.	2.45	2.50	1.78		
Triallyl Phosphate 10 mg/kg	n	12	12	12		
	Mean	26.20	28.53	26.90		
	S.D.	1.67	2.54	1.61		
Triallyl Phosphate 100 mg/kg	n	11	11	11		
	Mean	28.12	29.62	28.75		
	S.D.	1.98	2.60	2.67		

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 3 - 4

Study No. : SR13053

Test article Dose	Food consumption		Period : F0 lactation Day 0-4	Unit : g	Species : Rat
	Sex : Female				
	/Day				
	4				
Triallyl Phosphate 0 mg/kg	n	12			
	Mean	35.84			
	S.D.	5.59			
Triallyl Phosphate 1 mg/kg	n	10			
	Mean	37.14			
	S.D.	5.23			
Triallyl Phosphate 10 mg/kg	n	12			
	Mean	38.13			
	S.D.	5.54			
Triallyl Phosphate 100 mg/kg	n	11			
	Mean	30.35			
	S.D.	3.92			
		DT *			

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

Table 4 - 1

Study No. : SR13053

Necropsy findings		Stage : Day 43				Species : Rat
Sex : Male		Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
Organ	Test article Dose	0 mg/kg	1 mg/kg	10 mg/kg	100 mg/kg	
Findings	Number of Animals	12	12	12	12	
Epididymis		<11/12>	<12/12>	<11/12>	<12/12>	
Yellowish white focus, cauda, unilateral	P	1	0	1	0	
Other organs & tissues		<12/12>	<12/12>	<12/12>	<12/12>	

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

Table 4 - 2

Study No. : SR13053

Necropsy findings		Stage : Lactation day 4				Species : Rat
Sex : Female		Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
Organ	Test article	0	1	10	100	
Findings	Dose	mg/kg	mg/kg	mg/kg	mg/kg	
	Number of Animals	12	10	12	11	
Oviduct		<11/12>	<10/10>	<12/12>	<11/11>	
Cyst, unilateral	P	1	0	0	0	
Uterine horn		<11/12>	<10/10>	<12/12>	<11/11>	
Hypoplasia	P	1	0	0	0	
Other organs & tissues		<12/12>	<10/10>	<12/12>	<11/11>	
		Stage : Unsuccessful mating				
Organ	Test article	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
Findings	Dose	0	1	10	100	
	Number of Animals	mg/kg	mg/kg	mg/kg	mg/kg	
All organs & tissues		0	1	0	0	
			<1/1>			
		Stage : Non-pregnancy				
Organ	Test article	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
Findings	Dose	0	1	10	100	
	Number of Animals	mg/kg	mg/kg	mg/kg	mg/kg	
All organs & tissues		0	1	0	1	
			<1/1>		<1/1>	

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 5 - 1

Study No. : SR13053

		Organ weight Sex : Male		Stage : Day 43						Species : Rat	
		Body weight	Liver		Kidney		Testis		Epididymis		
Test article			AB	RE	AB	RE	AB	RE	AB	RE	
Dose		g	g	g/100g	g	g/100g	g	g/100g	g	g/100g	
Triallyl Phosphate 0 mg/kg	n	12	12	12	12	12	12	12	12	12	
	Mean	541.0	17.524	3.237	3.663	0.678	3.396	0.629	1.336	0.248	
	S.D.	26.3	1.634	0.215	0.186	0.031	0.337	0.070	0.122	0.025	
Triallyl Phosphate 1 mg/kg	n	12	12	12	12	12	12	12	12	12	
	Mean	545.3	18.042	3.307	3.721	0.682	3.453	0.634	1.369	0.253	
	S.D.	34.4	1.771	0.174	0.263	0.051	0.334	0.065	0.112	0.024	
Triallyl Phosphate 10 mg/kg	n	12	12	12	12	12	12	12	12	12	
	Mean	548.2	18.138	3.302	3.831	0.700	3.346	0.611	1.347	0.249	
	S.D.	38.2	2.124	0.203	0.291	0.044	0.306	0.059	0.090	0.017	
Triallyl Phosphate 100 mg/kg	n	12	12	12	12	12	12	12	12	12	
	Mean	515.9	20.479	3.965	4.448	0.863	3.323	0.648	1.229	0.240	
	S.D.	29.6	1.865	0.215	0.320	0.040	0.200	0.051	0.092	0.026	
			DT **	DT **	DT **	DT **			DT *		
		Prostate		Seminal vesicle							
Test article		AB	RE	AB	RE						
Dose		mg	mg/100g	g	g/100g						
Triallyl Phosphate 0 mg/kg	n	12	12	12	12						
	Mean	731.2	135.471	2.068	0.382						
	S.D.	124.9	24.040	0.187	0.032						
Triallyl Phosphate 1 mg/kg	n	12	12	12	12						
	Mean	756.7	138.316	2.051	0.378						
	S.D.	182.3	30.127	0.323	0.058						
Triallyl Phosphate 10 mg/kg	n	12	12	12	12						
	Mean	743.3	135.660	2.167	0.396						
	S.D.	79.4	11.549	0.311	0.053						
Triallyl Phosphate 100 mg/kg	n	12	12	12	12						
	Mean	627.2	122.398	1.987	0.386						
	S.D.	143.9	30.586	0.282	0.062						

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

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

DT : Dunnett test (two-side)

Table 5 - 2

Study No. : SR13053

Test article Dose	Organ weight Sex : Female		Stage : Lactation day 4						Species : Rat
	n	Body weight g	Liver		Kidney		Ovary		
			AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
Triallyl Phosphate 0 mg/kg	12	356.8	12.961	3.644	2.228	0.627	108.5	30.623	
		21.9	1.748	0.526	0.184	0.051	17.6	6.085	
Triallyl Phosphate 1 mg/kg	10	357.5	13.928	3.907	2.430	0.679	115.0	32.179	
		18.1	0.807	0.310	0.141	0.049	20.9	5.664	
Triallyl Phosphate 10 mg/kg	12	353.0	13.770	3.906	2.298	0.650	107.5	30.542	
		21.0	1.172	0.316	0.181	0.045	12.3	3.905	
Triallyl Phosphate 100 mg/kg	11	350.2	14.980	4.266	2.596	0.742	113.7	32.520	
		16.4	1.796	0.339	0.161	0.034	11.5	3.370	
			DT **	DT **	DT **	DT **			

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

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

DT : Dunnett test (two-side)

Table 6 - 1

Study No. : SR13053

Histopathological findings		Stage : Day 43				Species : Rat															
Sex : Male																					
Organ	Test article	Triallyl Phosphate				Triallyl Phosphate															
Findings	Dose	mg/kg				mg/kg															
Number of Animals	Grade	12				12															
		-	1+	2+	3+	4+	-	1+	2+	3+	4+										
Liver		<12>				<12>				<12>											
	Hypertrophy, hepatocyte, centrilobular	12	0	0	0	0	12	0	0	0	0	12	0	0	0	0	0	0	0	0	
							EF					EF					FT	\$\$			
	Microgranuloma	12	0	0	0	0	11	1	0	0	0	11	1	0	0	0	12	0	0	0	0
																	EF				
Kidney		<12>				<12>				<12>											
	Eosinophilic body, proximal tubular epithelium	12	0	0	0	0	12	0	0	0	0	6	6	0	0	0	0	1	11	0	0
							EF					FT	\$				FT	\$\$			
	Basophilic change, renal tubule	9	3	0	0	0	10	2	0	0	0	11	1	0	0	0	3	9	0	0	0
																	FT	\$			
	Infiltration, inflammatory cell, papilla	12	0	0	0	0	11	1	0	0	0	12	0	0	0	0	12	0	0	0	0
												EF					EF				
	Fibrosis, papilla	12	0	0	0	0	11	1	0	0	0	12	0	0	0	0	12	0	0	0	0
												EF					EF				
Testis		<12>				<2>				<0>											
	Atrophy, seminiferous tubule	11	1	0	0	0	2	0	0	0	0	0	0	0	0	0	12	0	0	0	0
												ED									
Epididymis		<12>				<2>				<1>											
	Cell debris, lumen	11	1	0	0	0	2	0	0	0	0	1	0	0	0	0	12	0	0	0	0
												ED									
	Granuloma, spermatic	11	1	0	0	0	2	0	0	0	0	0	1	0	0	0	12	0	0	0	0
												ED									

<> : Number of animals examined

- : Not remarkable

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

Significantly different from Triallyl Phosphate 0 mg/kg: \$ P<0.05, \$\$ P<0.01

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

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

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

Table 6 - 2

Study No. : SR13053

Histopathological findings		Stage : Day 43												Species : Rat							
Sex : Male		Triallyl Phosphate 0 mg/kg			Triallyl Phosphate 1 mg/kg			Triallyl Phosphate 10 mg/kg			Triallyl Phosphate 100 mg/kg										
Organ	Test article	12			12			12			12										
Findings	Dose	Grade			Grade			Grade			Grade										
		-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+					
Prostate		<12>			<2>			<0>			<12>										
Inflammation		8	4	0	0	0	1	1	0	0	0	0	0	0	0	0	9	3	0	0	0
Seminal vesicle		<12>			<2>			<0>			<12>										
		12					2			0							12				
							EF			ED							EF				
Coagulating gland		<12>			<2>			<0>			<12>										
		12					2			0							12				
							EF			ED							EF				

<> : Number of animals examined

- : Not remarkable

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

Not significantly different from Triallyl Phosphate 0 mg/kg

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

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

Histopathological findings		Stage : Lactation day 4												Species : Rat							
Sex : Female		Triallyl Phosphate 0 mg/kg			Triallyl Phosphate 1 mg/kg			Triallyl Phosphate 10 mg/kg			Triallyl Phosphate 100 mg/kg										
Organ	Test article	Number of Animals				Number of Animals				Number of Animals				Number of Animals							
Findings	Dose	Grade				Grade				Grade				Grade							
		-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Liver		<12>				<10>				<12>				<11>							
	Hypertrophy, hepatocyte, centrilobular	12	0	0	0	0	10	0	0	0	0	12	0	0	0	0	4	7	0	0	0
							EF					EF					FT	\$\$			
Kidney		<12>				<0>				<0>				<11>							
	Basophilic change, renal tubule	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0
							ED					ED									
Ovary		<12>				<0>				<0>				<11>							
		12					0					0					11				
							ED					ED					EF				
Oviduct		<1>				<0>				<0>				<0>							
	Cyst	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
							ED					ED					ED				
Uterine horn		<12>				<0>				<0>				<11>							
	Atrophy, myometrium	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0
							ED					ED									
	Atrophy, endometrium	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0
							ED					ED									
Uterine cervix		<12>				<0>				<0>				<11>							
		12					0					0					11				
							ED					ED					EF				
Vagina		<12>				<0>				<0>				<11>							
		12					0					0					11				
							ED					ED					EF				

<> : Number of animals examined

- : Not remarkable

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

Significantly different from Triallyl Phosphate 0 mg/kg: \$\$ P<0.01

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

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

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

Table 6 - 4

Study No. : SR13053

Histopathological findings		Stage : Unsuccessful mating					Species : Rat
Sex : Female		Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate		
Test article	Dose	0	1	10	100		
Organ Findings	Number of Animals	mg/kg	mg/kg	mg/kg	mg/kg		
Grade		0	1	0	0		
			- 1+ 2+ 3+ 4+				
Liver			<1>				
			1				
Kidney			<1>				
			1				
Ovary			<1>				
			1				
Oviduct			<0>				
			0				
Uterine horn			<1>				
			1				
Uterine cervix			<1>				
			1				
Vagina			<1>				
Septum			0 1 0 0 0				

<> : Number of animals examined

- : Not remarkable

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

Table 6 - 5

Study No. : SR13053

Histopathological findings		Stage : Non-pregnancy				Species : Rat
Sex : Female						
Organ Findings	Test article	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
	Dose	0 mg/kg	1 mg/kg	10 mg/kg	100 mg/kg	
	Number of Animals	0	1	0	1	
	Grade	-	-	-	-	
Liver			<1>		<1>	
			1		1	
Kidney			<1>		<1>	
			1		1	
Ovary			<1>		<1>	
			1		1	
Oviduct			<0>		<0>	
			0		0	
Uterine horn			<1>		<1>	
			1		1	
Uterine cervix			<1>		<1>	
			1		1	
Vagina			<1>		<1>	
			1		1	

<> : Number of animals examined

- : Not remarkable

Table 7

Study No. : SR13053

		Estrus cycles Generation : F0			Species : Rat
		/Before mating			
Test article Dose		Mean length of estrous cycle (Days)	Number of estrus	Number of animals with acyclic or irregular cycle	
Triallyl Phosphate 0 mg/kg	n	12	12	12	
	Mean	4.08	3.3	(0)	
	S.D.	0.29	0.5		
Triallyl Phosphate 1 mg/kg	n	12	12	12	
	Mean	4.15	3.7	(0)	
	S.D.	0.31	0.5		EF
Triallyl Phosphate 10 mg/kg	n	12	12	12	
	Mean	4.00	3.7	(0)	
	S.D.	0.00	0.5		EF
Triallyl Phosphate 100 mg/kg	n	12	12	12	
	Mean	4.21	3.6	(0)	
	S.D.	0.40	0.5		EF

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

Not significantly different from Triallyl Phosphate 0 mg/kg

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

Table 8 - 1

Study No. : SR13053

		Reproductive performance				Species : Rat			
		Generation : F0		Sex : Male					
Test article Dose		Number of pairs	Day of conceiving	1st mating		2nd mating		Total	
				Copulation index (%)	Fertility index (%)	Copulation index (%)	Fertility index (%)	Copulation index (%)	Fertility index (%)
Triallyl Phosphate 0 mg/kg	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
	Mean		2.7	100.0	100.0			100.0	100.0
	S.D.		2.0						
Triallyl Phosphate 1 mg/kg	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
	Mean		2.5	91.7	90.9			91.7	90.9
	S.D.		1.3						
Triallyl Phosphate 10 mg/kg	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
	Mean		3.0	100.0	100.0			100.0	100.0
	S.D.		1.2						
Triallyl Phosphate 100 mg/kg	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
	Mean		2.5	100.0	91.7			100.0	91.7
	S.D.		1.2						

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 8 - 2

Study No. : SR13053

		Reproductive performance				Species : Rat			
		Generation : F0		Sex : Female					
Test article Dose		Number of pairs	Day of conceiving	1st mating		2nd mating		Total	
				Copulation index (%)	Fertility index (%)	Copulation index (%)	Fertility index (%)	Copulation index (%)	Fertility index (%)
Triallyl Phosphate 0 mg/kg	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
	Mean		2.7	100.0	100.0			100.0	100.0
	S.D.		2.0						
Triallyl Phosphate 1 mg/kg	n	12	11	(11/12)	(10/11)			(11/12)	(10/11)
	Mean		2.5	91.7	90.9			91.7	90.9
	S.D.		1.3						
Triallyl Phosphate 10 mg/kg	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
	Mean		3.0	100.0	100.0			100.0	100.0
	S.D.		1.2						
Triallyl Phosphate 100 mg/kg	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
	Mean		2.5	100.0	91.7			100.0	91.7
	S.D.		1.2						

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 9 - 1

Study No. : SR13053

		Delivery data Generation : F0										Species : Rat	
Test article Dose		Gestation period (day)	Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Sex rate (offspring) (%)	Number of dead newborns			Gestation index (%)
						M	F	Total		Dead	Cannibalism	Total	
Triallyl Phosphate 0 mg/kg	n	12	12	12	12	12	12	12	91/172	12	12	12	12/12
	Mean	22.50	15.4	93.26	14.3	7.6	6.8	14.3	52.9	0.0	0.0	0.0	100.0
	S.D.	0.52	2.4	7.08	2.3	1.9	2.1	2.3		0.0	0.0	0.0	0.00
Triallyl Phosphate 1 mg/kg	n	10	10	10	10	10	10	10	98/158	10	10	10	10/10
	Mean	22.30	17.1	92.32	16.0	9.8	6.0	15.8	62.0	0.2	0.0	0.2	100.0
	S.D.	0.48	1.2	5.49	1.6	2.1	2.1	1.6		0.6	0.0	0.6	0.00
Triallyl Phosphate 10 mg/kg	n	12	12	12	12	12	12	12	83/183	12	12	12	12/12
	Mean	22.17	16.4	92.68	15.3	6.9	8.3	15.3	45.4	0.1	0.0	0.1	100.0
	S.D.	0.39	1.2	5.83	1.9	2.5	2.2	1.9		0.3	0.0	0.3	0.00
Triallyl Phosphate 100 mg/kg	n	11	11	11	11	11	11	11	84/160	11	11	11	11/11
	Mean	22.64	16.5	88.29	14.7	7.6	6.9	14.5	52.5	0.2	0.0	0.2	100.0
	S.D.	0.50	1.4	11.10	2.3	3.1	2.5	2.3		0.6	0.0	0.6	0.00
											EF		EF

M : Male, F : Female

Not significantly different from Triallyl Phosphate 0 mg/kg

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

Table 9 - 2

Study No. : SR13053

		Delivery data Generation : F0			Species : Rat
Test article Dose		Number of corpora lutea	Number of implan- tation	Implantation index (%)	
Triallyl Phosphate 0 mg/kg	n	12	12	12	
	Mean	15.9	15.4	96.44	
	S.D.	1.8	2.4	7.25	
Triallyl Phosphate 1 mg/kg	n	10	10	10	
	Mean	17.1	17.1	100.00	
	S.D.	1.2	1.2	0.00	
Triallyl Phosphate 10 mg/kg	n	12	12	12	
	Mean	16.6	16.4	99.04	
	S.D.	1.3	1.2	2.24	
Triallyl Phosphate 100 mg/kg	n	11	11	11	
	Mean	16.6	16.5	99.05	
	S.D.	1.6	1.4	3.17	

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 9 - 3

Study No. : SR13053

Delivery data : External examination of offspring Generation : F0		Days after birth : 0 Species : Rat			
Test article	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
Dose	0	1	10	100	
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg	
Number of dams	12	10	12	11	
Number of offspring	172	158	183	160	
Number of dams with anomalous offspring (incidence %)	0(0.00)	0(0.00) EF	0(0.00) EF	0(0.00) EF	
Number of offspring with any anomaly (incidence %)	0(0.00)	0(0.00) EF	0(0.00) EF	0(0.00) EF	

Not significantly different from Triallyl Phosphate 0 mg/kg

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

Table 10

Study No. : SR13053

Clinical sign of offspring Generation : F0		Species : Rat					
Test article Dose	Clinical signs	Day after birth	0	1	2	3	4
		Time	1	1	1	1	1
Triallyl Phosphate 0 mg/kg	Number of dams examined		12	12	12	12	12
	Number of offspring		172	172	172	172	172
	Number of dams with anomalous offspring		0	0	0	0	0
Triallyl Phosphate 1 mg/kg	Number of dams examined		10	10	10	10	10
	Number of offspring		158	158	158	158	156
	Number of dams with anomalous offspring		0	0	0	0	0
Triallyl Phosphate 10 mg/kg	Number of dams examined		12	12	12	12	12
	Number of offspring		183	183	183	183	183
	Number of dams with anomalous offspring		0	0	0	0	0
Triallyl Phosphate 100 mg/kg	Number of dams examined		11	11	11	11	11
	Number of offspring		160	160	160	160	158
	Number of dams with anomalous offspring		1	0	0	0	0
	Milk-band negative		1	0	0	0	0

Table 11

Study No. : SR13053

		Litter size and viability index of offspring Generation : F0				Species : Rat
		/Days after birth				
Test article Dose		0	0	4	4	
			Viability index (%)		Viability index (%)	
Triallyl Phosphate 0 mg/kg	Total	172		172		
	n	12		12		12
	Mean		100.00		100.00	
	S.D.		0.00		0.00	
Triallyl Phosphate 1 mg/kg	Total	158		156		
	n	10		10		10
	Mean		98.82		98.74	
	S.D.		3.73		2.66	
Triallyl Phosphate 10 mg/kg	Total	183		183		
	n	12		12		12
	Mean		99.48		100.00	
	S.D.		1.79		0.00	
Triallyl Phosphate 100 mg/kg	Total	160		158		
	n	11		11		11
	Mean		98.79		98.87	
	S.D.		4.01		2.51	

Not significantly different from Triallyl Phosphate 0 mg/kg

Table 12

Study No. : SR13053

Test article		Body weight of offspring			Unit : g	Species : Rat
Dose		Generation : F0				
		/Days after birth				
			0	4		
Triallyl Phosphate 0 mg/kg	Male	n	12	12		
		Mean	7.041	11.355		
		S.D.	0.682	1.352		
	Female	n	12	12		
		Mean	6.649	10.744		
		S.D.	0.680	1.436		
Triallyl Phosphate 1 mg/kg	Male	n	10	10		
		Mean	6.649	10.990		
		S.D.	0.481	1.128		
	Female	n	10	10		
		Mean	6.297	10.267		
		S.D.	0.453	0.851		
Triallyl Phosphate 10 mg/kg	Male	n	12	12		
		Mean	6.689	10.849		
		S.D.	0.482	1.192		
	Female	n	12	12		
		Mean	6.253	10.263		
		S.D.	0.388	0.912		
Triallyl Phosphate 100 mg/kg	Male	n	11	11		
		Mean	6.709	10.245		
		S.D.	0.648	1.341		
	Female	n	11	11		
		Mean	6.326	9.543		
		S.D.	0.535	0.983		

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

DT : Dunnett test (two-side)

Table 13

Study No. : SR13053

Necropsy findings of offspring Generation : F0		Species : Rat			
Test article	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	Triallyl Phosphate	
Dose	0	1	10	100	
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg	
Number of dams	12	10	12	11	
Number of live offspring examined on Day 4 of birth	172	156	183	158	
Finding absent	172	156	183	158	
Number of dead offspring examined on Day 0-4 of birth	0	3	1	2	
Finding absent	0	3	1	2	

Clinical sign		Period : Day 1-43																		
Sex : Male		Dose : Triallyl Phosphate 0 mg/kg																		
		Species : Rat																		
Animal No.	Clinical signs	Day	1			2			3			4			5			6		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	7			8			9			10			11			12		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	13			14			15			16			17			18		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 0 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 19			20			21			22			23			24			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 25			26			27			28			29			30			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 31			32			33			34			35			36			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 0 mg/kg												Species : Rat						
Animal No.	Clinical signs	Day 37			38			39			40			41			42			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 43	
		Time	4
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 1 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 1 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 19			20			21			22			23			24			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 25			26			27			28			29			30			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 31			32			33			34			35			36			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 1 mg/kg												Species : Rat						
Animal No.	Clinical signs	Day	37			38			39			40			41			42		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	43		
		Time	4		
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 10 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 10 mg/kg															Species : Rat			
Animal No.	Clinical signs	Day	19			20			21			22			23			24		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	25			26			27			28			29			30		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	31			32			33			34			35			36		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 10 mg/kg												Species : Rat						
Animal No.	Clinical signs	Day	37			38			39			40			41			42		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	43		
		Time	4		
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 100 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 100 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day	19			20			21			22			23			24		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	25			26			27			28			29			30		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	31			32			33			34			35			36		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Male		Period : Day 1-43 Dose : Triallyl Phosphate 100 mg/kg												Species : Rat						
Animal No.	Clinical signs	Day	37			38			39			40			41			42		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	43		
		Time	4		
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 0 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 0 mg/kg Species : Rat																	
Animal No.	Clinical signs	Day 19			20			21			22			23			24		
		Time 1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																		

Animal No.	Clinical signs	Day 25			26			27			28			29			30		
		Time 1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																		

Animal No.	Clinical signs	Day 31			32			33			34			35			36		
		Time 1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 0 mg/kg															Species : Rat			
Animal No.	Clinical signs	Day 37			38			39			40			41			42			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																			

Animal No.	Clinical signs	Day 43			44			45			46			47			48			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																			

Animal No.	Clinical signs	Day 49			50			51			52
		Time	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 0 mg/kg															Species : Rat			
Animal No.	Clinical signs	Day 0			1			2			3			4			5			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 6			7			8			9			10			11			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 12			13			14			15			16			17			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 0 mg/kg												Species : Rat					
Animal No.	Clinical signs	Day 18			Day 19			Day 20			Day 21			Day 22			Day 23		
		Time 1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 24			Day 25			Day 26
		Time 1	2	3	1	2	3	4
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 0 mg/kg												Species : Rat
Animal No.	Clinical signs	Day 0			1			2			3			4
		Time	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 1 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 1 mg/kg															Species : Rat				
Animal No.	Clinical signs	Day 19			20			21			22			23			24				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 25			26			27			28			29			30				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 31			32			33			34			35			36				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 1 mg/kg															Species : Rat				
Animal No.	Clinical signs	Day 37			38			39			40			41			42				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 43			44			45			46			47			48				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 49			50			51			52										
		Time	1	2	3	1	2	3	1	2	3	4									
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 1 mg/kg Species : Rat																			
Animal No.	Clinical signs	Day 0			1			2			3			4			5				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
50251	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50252	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50253	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50254	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50255	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50256	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50258	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50259	No abnormality	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$
50260	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50261	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50262	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Animal No.	Clinical signs	Day 6			7			8			9			10			11				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
50251	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50252	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50253	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50254	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50255	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50256	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50258	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50259	No abnormality	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$
50260	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50261	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50262	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Animal No.	Clinical signs	Day 12			13			14			15			16			17				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
50251	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50252	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50253	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50254	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50255	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50256	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50258	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50259	No abnormality	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$
50260	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50261	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50262	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

1 : Pre-dosing, 2 : Post-dosing, 3 : PM
\$: Excepted data from calculation

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 1 mg/kg												Species : Rat				
Animal No.	Clinical signs	Day 18			19			20			21			22		23		
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
50251	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50252	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50253	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50254	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50255	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50256	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50258	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50259	No abnormality	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	
50260	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50261	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50262	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Animal No.	Clinical signs	Day 24			25			26
		Time	1	2	3	1	2	3
50251	No abnormality	-	-	-	-	-	-	-
50252	No abnormality	-	-	-	-	-	-	-
50253	No abnormality	-	-	-	-	-	-	-
50254	No abnormality	-	-	-	-	-	-	-
50255	No abnormality	-	-	-	-	-	-	-
50256	No abnormality	-	-	-	-	-	-	-
50258	No abnormality	-	-	-	-	-	-	-
50259	No abnormality	-	\$	-	\$	-	\$	-
50260	No abnormality	-	-	-	-	-	-	-
50261	No abnormality	-	-	-	-	-	-	-
50262	No abnormality	-	-	-	-	-	-	-

1 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day
 \$: Excepted data from calculation

Clinical sign Sex : Female		Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 1 mg/kg												Species : Rat
Animal No.	Clinical signs	Day 0			1			2			3			4
		Time	1	2	3	1	2	3	1	2	3	1	2	3
50251	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 10 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 10 mg/kg															Species : Rat				
Animal No.	Clinical signs	Day 19			20			21			22			23			24				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				

Animal No.	Clinical signs	Day 25			26			27			28			29			30				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				

Animal No.	Clinical signs	Day 31			32			33			34			35			36				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 10 mg/kg															Species : Rat				
Animal No.	Clinical signs	Day 37			38			39			40			41			42				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 43			44			45			46			47			48				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 49			50			51			52										
		Time	1	2	3	1	2	3	1	2	3	4									
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 10 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 0			1			2			3			4			5			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 6			7			8			9			10			11			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 12			13			14			15			16			17			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 10 mg/kg												Species : Rat						
Animal No.	Clinical signs	Day 18			19			20			21			22			23			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 24			25			26
		Time	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 10 mg/kg												Species : Rat
Animal No.	Clinical signs	Day 0			1			2			3			4
		Time	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 100 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 1			2			3			4			5			6			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 7			8			9			10			11			12			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 13			14			15			16			17			18			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 100 mg/kg Species : Rat																		
Animal No.	Clinical signs	Day 19			20			21			22			23			24			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																			
Animal No.	Clinical signs	Day 25			26			27			28			29			30			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																			
Animal No.	Clinical signs	Day 31			32			33			34			35			36			
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

Clinical sign Sex : Female		Period : F0 Day 1-52 Dose : Triallyl Phosphate 100 mg/kg Species : Rat																			
Animal No.	Clinical signs	Day 37			38			39			40			41			42				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 43			44			45			46			47			48				
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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																				
Animal No.	Clinical signs	Day 49			50			51			52										
		Time	1	2	3	1	2	3	1	2	3	4									
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 100 mg/kg Species : Rat																					
Animal No.	Clinical signs	Day 0			1			2			3			4			5						
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 6			7			8			9			10			11						
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 12			13			14			15			16			17						
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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 : Pre-dosing, 2 : Post-dosing, 3 : PM

\$: Excepted data from calculation

Clinical sign Sex : Female		Period : F0 gestation Day 0-26 Dose : Triallyl Phosphate 100 mg/kg												Species : Rat									
Animal No.	Clinical signs	Day 18			19			20			21			22			23						
		Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 24				25			26				
		Time	1	2	3	1	2	3	4				
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day
 \$: Excepted data from calculation

Clinical sign Sex : Female		Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 100 mg/kg												Species : Rat
Animal No.	Clinical signs	Day 0			1			2			3			4
		Time	1	2	3	1	2	3	1	2	3	1	2	3
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 : Pre-dosing, 2 : Post-dosing, 3 : PM, 4 : Necropsy day

Animal No.	Body weight										Body weight gain
	Sex : Male										
Period : Day 1-42											
Dose : Triallyl Phosphate 0 mg/kg											
Unit : g											
Species : Rat											
	/Day										
	1	3	7	14	21	28	35	42			
10101	384	390	407	437	464	498	526	544	160		
10102	377	393	408	441	462	488	506	513	136		
10103	405	417	435	466	492	522	550	570	165		
10104	408	413	429	454	483	520	539	560	152		
10105	392	403	429	456	483	516	529	541	149		
10106	428	441	461	498	527	558	580	590	162		
10107	393	406	429	453	474	496	514	519	126		
10108	378	381	400	428	462	498	516	527	149		
10109	385	393	405	440	470	489	506	527	142		
10110	396	409	427	460	475	494	514	529	133		
10111	369	371	390	413	440	466	487	497	128		
10112	366	370	383	424	452	488	517	525	159		
n	12	12	12	12	12	12	12	12	12		
Mean	390.1	398.9	416.9	447.5	473.7	502.8	523.7	536.8	146.8		
S.D.	17.7	20.3	21.9	22.4	22.0	23.4	24.1	25.9	13.6		

Animal No.	Body weight										Body weight gain
	Sex : Male										
Period : Day 1-42											
Dose : Triallyl Phosphate 1 mg/kg											
Unit : g											
Species : Rat											
/Day	1	3	7	14	21	28	35	42			
10201	407	415	435	468	496	542	576	597	190		
10202	386	395	413	441	458	481	506	511	125		
10203	362	369	386	411	421	444	469	488	126		
10204	402	407	416	452	486	519	542	568	166		
10205	398	408	427	464	496	531	552	571	173		
10206	417	425	438	455	466	501	520	536	119		
10207	394	400	427	464	476	503	528	552	158		
10208	371	372	383	415	432	462	489	500	129		
10209	394	404	418	443	454	487	508	529	135		
10210	416	428	448	479	497	523	551	564	148		
10211	366	371	386	414	444	473	502	521	155		
10212	372	378	398	436	468	511	542	573	201		
n	12	12	12	12	12	12	12	12	12		
Mean	390.4	397.7	414.6	445.2	466.2	498.1	523.8	542.5	152.1		
S.D.	19.1	20.9	22.0	22.7	25.5	29.5	30.5	33.5	26.7		

Animal No.	Body weight										Body weight gain
	Sex : Male										
Period : Day 1-42											
Dose : Triallyl Phosphate 10 mg/kg											
Unit : g											
Species : Rat											
	/Day										
	1	3	7	14	21	28	35	42			
10301	428	436	463	498	516	547	570	591	163		
10302	408	413	429	450	470	495	510	535	127		
10303	390	401	426	458	487	518	539	562	172		
10304	408	416	440	474	494	531	556	574	166		
10305	418	429	446	483	519	562	590	603	185		
10306	372	382	402	438	461	485	511	539	167		
10307	369	372	390	413	443	472	493	516	147		
10308	373	384	397	414	435	450	471	489	116		
10309	352	362	377	405	427	448	470	484	132		
10310	393	403	422	464	486	522	546	564	171		
10311	398	410	433	466	483	518	555	577	179		
10312	386	392	408	435	450	482	502	517	131		
n	12	12	12	12	12	12	12	12	12		
Mean	391.3	400.0	419.4	449.8	472.6	502.5	526.1	545.9	154.7		
S.D.	22.2	22.4	25.1	29.5	30.2	36.5	38.9	38.9	23.0		

Animal No.	Body weight										Body weight gain
	Sex : Male										
Period : Day 1-42											
Dose : Triallyl Phosphate 100 mg/kg											
Unit : g											
Species : Rat											
/Day	1	3	7	14	21	28	35	42			
10401	378	391	406	437	462	487	511	522	144		
10402	410	420	447	488	494	521	534	527	117		
10403	383	394	409	432	450	464	472	467	84		
10404	396	402	427	469	489	520	536	551	155		
10405	356	365	375	408	434	444	468	482	126		
10406	358	362	382	403	436	462	484	495	137		
10407	406	420	443	492	514	544	531	535	129		
10408	374	377	398	432	455	478	481	495	121		
10409	422	423	450	481	497	515	530	522	100		
10410	379	385	405	441	465	491	505	523	144		
10411	402	418	439	486	508	539	557	573	171		
10412	390	403	419	459	482	508	512	505	115		
n	12	12	12	12	12	12	12	12	12		
Mean	387.8	396.7	416.7	452.3	473.8	497.8	510.1	516.4	128.6		
S.D.	20.3	21.5	25.1	31.2	27.3	31.8	28.7	29.6	23.8		

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : Triallyl Phosphate 0 mg/kg Body weight gain		Unit : g	Species : Rat
	1	3	7	14				
50151	234	226	234	253		19		
50152	224	232	233	262		38		
50153	274	286	305	323		49		
50154	230	237	247	259		29		
50155	243	249	252	261		18		
50156	256	263	277	290		34		
50157	245	248	257	255		10		
50158	252	262	263	272		20		
50159	251	251	262	272		21		
50160	238	231	237	252		14		
50161	248	244	256	282		34		
50162	249	247	260	283		34		
n	12	12	12	12		12		
Mean	245.3	248.0	256.9	272.0		26.7		
S.D.	13.2	16.6	20.0	20.4		11.5		

Animal No.	Body weight					Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female					Dose : Triallyl Phosphate 0 mg/kg		
	/Day							
	21	28	35	42	49			
50151								
50152								
50153								
50154								
50155								
50156								
50157								
50158								
50159	289							
50160								
50161								
50162								
n	1	0	0	0	0			
Mean	289.0							
S.D.								

Animal No.	Body weight Sex : Female /Day				Period : F0 gestation Day 0-20 Dose : Triallyl Phosphate 0 mg/kg Body weight gain		Unit : g	Species : Rat
	0	7	14	20				
50151	255	297	336	424	169			
50152	273	326	389	472	199			
50153	321	373	424	507	186			
50154	264	302	339	428	164			
50155	265	313	363	422	157			
50156	310	335	381	465	155			
50157	277	321	363	435	158			
50158	279	325	379	468	189			
50159	288	324	361	434	146			
50160	257	292	323	397	140			
50161	291	339	382	464	173			
50162	285	319	359	439	154			
n	12	12	12	12	12			
Mean	280.4	322.2	366.6	446.3	165.8			
S.D.	20.2	21.5	27.2	29.6	18.0			

Animal No.	Body weight Sex : Female /Day		Body weight gain	Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 0 mg/kg	Unit : g	Species : Rat
	0	4				
50151	295	329	34			
50152	343	347	4			
50153	378	391	13			
50154	314	341	27			
50155	358	370	12			
50156	334	363	29			
50157	337	368	31			
50158	365	375	10			
50159	337	363	26			
50160	300	310	10			
50161	355	363	8			
50162	328	362	34			
n	12	12	12			
Mean	337.0	356.8	19.8			
S.D.	25.3	21.9	11.2			

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : Triallyl Phosphate 1 mg/kg Body weight gain		Unit : g	Species : Rat
	1	3	7	14				
50251	229	243	251	268		39		
50252	239	254	260	272		33		
50253	228	242	247	262		34		
50254	242	235	244	272		30		
50255	252	256	264	272		20		
50256	253	248	257	284		31		
50257	243	244	252	259		16		
50258	233	236	245	251		18		
50259	229	240	244	260		31		
50260	236	243	252	255		19		
50261	263	254	270	284		21		
50262	259	256	263	274		15		
n	12	12	12	12		12		
Mean	242.2	245.9	254.1	267.8		25.6		
S.D.	12.1	7.5	8.7	10.6		8.2		

Animal No.	Body weight Sex : Female					Period : F0 Day 15-49	Unit : g	Species : Rat
	/Day					Dose : Triallyl Phosphate 1 mg/kg		
	21	28	35	42	49			
50251								
50252								
50253								
50254								
50255								
50256								
50257	324	350	323	305	297			
50258								
50259								
50260								
50261								
50262								
n	1	1	1	1	1			
Mean	324.0	350.0	323.0	305.0	297.0			
S.D.								

Animal No.	Body weight Sex : Female /Day				Period : F0 gestation Day 0-20 Dose : Triallyl Phosphate 1 mg/kg	Unit : g	Species : Rat
	0	7	14	20	Body weight gain		
50251	279	306	347	444	165		
50252	280	326	365	456	176		
50253	277	321	355	438	161		
50254	272	331	376	464	192		
50255	296	318	358	429	133		
50256	291	334	388	487	196		
50258	262	291	331	425	163		
50259	266 \$	312 \$	332 \$	318 \$	52 \$		
50260	276	320	365	470	194		
50261	302	350	398	488	186		
50262	285	312	345	448	163		
n	10	10	10	10	10		
Mean	282.0	320.9	362.8	454.9	172.9		
S.D.	11.8	16.2	20.3	22.2	19.8		

\$: Excepted data from calculation

Animal No.	Body weight Sex : Female /Day		Body weight gain	Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 1 mg/kg	Unit : g	Species : Rat
	0	4				
50251	312	341	29			
50252	329	344	15			
50253	320	350	30			
50254	335	378	43			
50255	335	359	24			
50256	370	372	2			
50258	320	341	21			
50260	326	350	24			
50261	374	394	20			
50262	305	346	41			
n	10	10	10			
Mean	332.6	357.5	24.9			
S.D.	22.8	18.1	12.0			

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : Triallyl Phosphate 10 mg/kg	Unit : g	Species : Rat
	1	3	7	14	Body weight gain		
50351	260	260	270	276	16		
50352	247	250	265	273	26		
50353	229	243	253	257	28		
50354	247	251	260	277	30		
50355	259	254	265	278	19		
50356	248	247	262	269	21		
50357	239	246	253	265	26		
50358	252	259	268	278	26		
50359	220	233	237	244	24		
50360	244	238	250	275	31		
50361	236	242	252	253	17		
50362	243	248	255	265	22		
n	12	12	12	12	12		
Mean	243.7	247.6	257.5	267.5	23.8		
S.D.	11.6	8.0	9.3	11.1	4.9		

Animal No.	Body weight					Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female					Dose : Triallyl Phosphate 10 mg/kg		
	/Day							
	21	28	35	42	49			
50351								
50352								
50353								
50354								
50355								
50356								
50357								
50358								
50359								
50360								
50361								
50362								
n	0	0	0	0	0			
Mean								
S.D.								

Animal No.	Body weight Sex : Female /Day				Period : F0 gestation Day 0-20 Dose : Triallyl Phosphate 10 mg/kg	Unit : g	Species : Rat
	0	7	14	20	Body weight gain		
50351	298	337	365	426	128		
50352	291	330	373	458	167		
50353	259	294	338	427	168		
50354	280	312	344	425	145		
50355	288	324	367	410	122		
50356	290	320	362	437	147		
50357	288	337	378	461	173		
50358	306	352	394	463	157		
50359	257	295	343	425	168		
50360	280	329	378	471	191		
50361	271	313	341	434	163		
50362	269	307	342	418	149		
n	12	12	12	12	12		
Mean	281.4	320.8	360.4	437.9	156.5		
S.D.	15.1	17.5	18.5	20.1	19.4		

Animal No.	Body weight Sex : Female /Day		Body weight gain	Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 10 mg/kg	Unit : g	Species : Rat
	0	4				
50351	341	376	35			
50352	371	360	-11			
50353	305	335	30			
50354	309	340	31			
50355	320	352	32			
50356	333	365	32			
50357	328	383	55			
50358	378	387	9			
50359	311	331	20			
50360	331	341	10			
50361	295	341	46			
50362	318	325	7			
n	12	12	12			
Mean	328.3	353.0	24.7			
S.D.	25.2	21.0	18.4			

Animal No.	Body weight Sex : Female /Day				Period : F0 before mating Day 1-14 Dose : Triallyl Phosphate 100 mg/kg Body weight gain		Unit : g	Species : Rat
	1	3	7	14				
50451	213	226	234	254	41			
50452	243	249	258	269	26			
50453	230	240	250	264	34			
50454	249	264	275	289	40			
50455	259	254	268	306	47			
50456	248	254	266	289	41			
50457	226	239	246	254	28			
50458	249	246	262	291	42			
50459	230	231	244	256	26			
50460	242	239	249	273	31			
50461	232	236	247	257	25			
50462	254	270	283	300	46			
n	12	12	12	12	12			
Mean	239.6	245.7	256.8	275.2	35.6			
S.D.	13.4	13.1	14.3	19.0	8.2			

Animal No.	Body weight					Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female					Dose : Triallyl Phosphate 100 mg/kg		
	/Day							
	21	28	35	42	49			
50451								
50452								
50453								
50454								
50455								
50456								
50457								
50458								
50459								
50460								
50461								
50462								
n	0	0	0	0	0			
Mean								
S.D.								

Animal No.	Body weight				Body weight gain	Unit : g	Species : Rat
	Sex : Female	Period : F0 gestation Day 0-20					
/Day	0	7	14	20			
50451	254 \$	293 \$	319 \$	297 \$	43 \$		
50452	291	336	369	457	166		
50453	277	323	361	433	156		
50454	310	348	383	465	155		
50455	309	355	383	484	175		
50456	290	342	381	454	164		
50457	276	306	341	428	152		
50458	289	333	364	447	158		
50459	284	326	361	447	163		
50460	286	342	398	510	224		
50461	283	329	369	457	174		
50462	317	344	375	430	113		
n	11	11	11	11	11		
Mean	292.0	334.9	371.4	455.6	163.6		
S.D.	13.8	13.6	15.1	24.4	26.0		

\$: Excepted data from calculation

Animal No.	Body weight Sex : Female /Day		Body weight gain	Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 100 mg/kg	Unit : g	Species : Rat
	0	4				
50452	352	359	7			
50453	332	340	8			
50454	345	357	12			
50455	341	363	22			
50456	362	363	1			
50457	333	332	-1			
50458	328	332	4			
50459	333	326	-7			
50460	377	378	1			
50461	341	359	18			
50462	342	343	1			
n	11	11	11			
Mean	344.2	350.2	6.0			
S.D.	14.6	16.4	8.6			

Animal No.	Food consumption					Period : Day 1-42	Unit : g	Species : Rat
	Sex : Male					Dose : Triallyl Phosphate 0 mg/kg		
	/Day							
	3	7	14	35	42			
10101	26.3	27.2	27.5	30.4	30.6			
10102	28.6	27.2	28.7	28.0	26.9			
10103	28.7	29.8	30.4	32.8	33.7			
10104	28.5	28.0	28.4	30.5	31.6			
10105	28.6	29.8	29.2	31.1	30.7			
10106	29.2	29.1	29.3	29.7	27.8			
10107	26.0	26.7	26.7	26.9	26.5			
10108	25.0	27.3	27.8	31.1	30.7			
10109	27.5	27.3	27.7	26.8	27.9			
10110	29.2	30.1	29.4	27.2	28.1			
10111	21.7	24.4	23.9	26.5	26.4			
10112	25.1	25.0	27.4	29.8	29.4			
n	12	12	12	12	12			
Mean	27.03	27.66	28.03	29.23	29.19			
S.D.	2.28	1.82	1.67	2.08	2.29			

Animal No.	Food consumption					Period : Day 1-42	Unit : g	Species : Rat
	Sex : Male					Dose : Triallyl Phosphate 1 mg/kg		
	/Day							
	3	7	14	35	42			
10201	28.6	30.8	30.2	34.4	34.8			
10202	25.8	27.2	27.2	29.1	28.5			
10203	23.1	26.5	26.8	27.4	28.1			
10204	25.0	26.0	28.5	30.2	31.5			
10205	26.0	27.0	28.5	28.8	29.1			
10206	28.0	28.0	26.5	28.8	29.2			
10207	25.2	29.3	28.2	28.4	28.5			
10208	21.7	25.4	27.2	29.2	27.3			
10209	27.2	27.2	26.7	29.0	29.2			
10210	28.8	30.1	29.5	31.3	30.8			
10211	21.8	24.7	24.4	28.0	28.0			
10212	25.6	27.6	28.4	32.4	34.2			
n	12	12	12	12	12			
Mean	25.57	27.48	27.68	29.75	29.93			
S.D.	2.42	1.84	1.54	2.02	2.43			

Animal No.	Food consumption					Period : Day 1-42	Unit : g	Species : Rat
	Sex : Male					Dose : Triallyl Phosphate 10 mg/kg		
	/Day							
	3	7	14	35	42			
10301	29.5	32.2	31.9	31.5	31.1			
10302	26.3	28.9	27.1	28.6	29.3			
10303	25.5	27.9	29.1	31.6	31.5			
10304	29.8	31.3	31.9	33.9	33.1			
10305	30.6	30.7	33.0	35.9	34.6			
10306	25.6	28.3	28.2	30.1	31.1			
10307	23.6	26.1	26.6	28.1	29.1			
10308	27.9	26.0	26.1	26.9	27.7			
10309	24.8	26.0	26.0	27.1	27.0			
10310	26.5	29.2	29.9	30.5	30.5			
10311	28.9	31.0	30.8	32.5	32.6			
10312	26.8	27.5	27.5	28.3	28.5			
n	12	12	12	12	12			
Mean	27.15	28.76	29.01	30.42	30.51			
S.D.	2.19	2.18	2.46	2.79	2.28			

Animal No.	Food consumption					Unit : g	Species : Rat
	Sex : Male						
	Period : Day 1-42						
	Dose : Triallyl Phosphate 100 mg/kg						
	/Day						
	3	7	14	35	42		
10401	23.9	27.5	28.5	30.0	28.3		
10402	26.7	29.7	31.1	30.8	26.0		
10403	25.2	26.5	26.4	25.3	23.3		
10404	23.2	27.9	30.5	30.5	30.9		
10405	18.7	23.4	26.7	28.8	28.3		
10406	22.1	25.9	26.5	29.5	28.5		
10407	27.6	30.6	33.8	28.8	27.2		
10408	21.5	26.6	28.5	25.8	27.2		
10409	23.7	28.9	29.2	29.2	27.0		
10410	22.6	25.9	26.5	27.8	28.2		
10411	28.6	30.9	33.1	33.0	32.7		
10412	25.8	27.2	30.3	29.3	27.2		
n	12	12	12	12	12		
Mean	24.13	27.58	29.26	29.07	27.90		
S.D.	2.80	2.17	2.57	2.09	2.33		

Animal No.	Food consumption			Period : F0 before mating Day 1-14	Unit : g	Species : Rat
	Sex : Female					
	/Day			Dose : Triallyl Phosphate 0 mg/kg		
	3	7	14			
50151	13.6	18.2	18.6			
50152	17.6	19.5	21.5			
50153	26.9	26.3	25.0			
50154	19.4	19.3	19.7			
50155	18.4	19.2	18.6			
50156	20.7	23.0	23.2			
50157	15.9	21.0	20.1			
50158	20.6	20.0	19.2			
50159	15.2	19.1	19.5			
50160	15.9	19.9	20.4			
50161	16.9	20.8	22.7			
50162	18.2	22.2	23.1			
n	12	12	12			
Mean	18.28	20.71	20.97			
S.D.	3.46	2.23	2.09			

Animal No.	Food consumption			Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female			Dose : Triallyl Phosphate 0 mg/kg		
	/Day					
50151	35	42	49			
50152						
50153						
50154						
50155						
50156						
50157						
50158						
50159						
50160						
50161						
50162						
n	0	0	0			
Mean						
S.D.						

Animal No.	Food consumption			Period : F0 gestation Day 0-20	Unit : g	Species : Rat
	Sex : Female					
	/Day			Dose : Triallyl Phosphate 0 mg/kg		
	7	14	20			
50151	23.7	26.0	25.5			
50152	28.9	33.9	26.8			
50153	31.9	35.4	29.3			
50154	23.8	25.8	27.7			
50155	26.4	31.7	27.3			
50156	25.5	28.9	28.5			
50157	25.8	28.5	26.6			
50158	27.4	34.3	31.8			
50159	23.0	24.6	24.5			
50160	24.5	25.7	25.9			
50161	26.0	31.7	26.9			
50162	24.8	28.2	26.7			
n	12	12	12			
Mean	25.98	29.56	27.29			
S.D.	2.49	3.75	1.91			

	Food consumption Sex : Female /Day	Period : F0 lactation Day 0-4 Dose : Triallyl Phosphate 0 mg/kg	Unit : g	Species : Rat
Animal No.	4			
50151	39.1			
50152	32.1			
50153	32.1			
50154	36.7			
50155	30.1			
50156	41.3			
50157	48.2			
50158	32.4			
50159	37.2			
50160	30.5			
50161	30.4			
50162	40.0			
n	12			
Mean	35.84			
S.D.	5.59			

Animal No.	Food consumption			Period : F0 before mating Day 1-14	Unit : g	Species : Rat
	Sex : Female					
	/Day			Dose : Triallyl Phosphate 1 mg/kg		
	3	7	14			
50251	19.8	20.4	20.0			
50252	19.4	19.2	20.0			
50253	19.9	19.7	20.9			
50254	14.6	19.4	21.6			
50255	16.1	19.7	20.1			
50256	15.0	21.3	22.5			
50257	14.8	19.3	19.6			
50258	15.5	19.5	18.7			
50259	18.1	18.0	19.8			
50260	16.8	19.4	18.8			
50261	15.5	20.8	19.8			
50262	17.8	21.8	22.6			
n	12	12	12			
Mean	16.94	19.88	20.37			
S.D.	1.99	1.04	1.28			

Animal No.	Food consumption			Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female			Dose : Triallyl Phosphate 1 mg/kg		
	/Day					
50251	35	42	49			
50252						
50253						
50254						
50255						
50256						
50257	21.7	17.0	15.9			
50258						
50259						
50260						
50261						
50262						
n	1	1	1			
Mean	21.70	17.00	15.90			
S.D.						

Animal No.	Food consumption			Period : F0 gestation Day 0-20	Unit : g	Species : Rat
	Sex : Female			Dose : Triallyl Phosphate 1 mg/kg		
	/Day					
	7	14	20			
50251	24.5	26.1	26.3			
50252	26.0	27.6	26.5			
50253	26.0	27.8	28.2			
50254	28.8	29.9	29.4			
50255	22.9	26.6	28.1			
50256	28.8	33.3	31.7			
50258	21.2	24.7	28.8			
50259	24.6 \$	25.7 \$	20.8 \$			
50260	25.6	28.9	29.8			
50261	26.1	30.6	30.2			
50262	23.2	27.1	26.6			
n	10	10	10			
Mean	25.31	28.26	28.56			
S.D.	2.45	2.50	1.78			

\$: Excepted data from calculation

	Food consumption	Period : F0 lactation Day 0-4		
	Sex : Female	Dose : Triallyl Phosphate 1 mg/kg	Unit : g	Species : Rat
Animal No.	/Day			
50251	37.3			
50252	27.4			
50253	34.6			
50254	44.1			
50255	39.0			
50256	30.9			
50258	35.8			
50260	41.3			
50261	38.0			
50262	43.0			
n	10			
Mean	37.14			
S.D.	5.23			

Animal No.	Food consumption			Period : F0 before mating Day 1-14	Unit : g	Species : Rat
	Sex : Female					
	/Day					
	3	7	14			
50351	17.6	20.8	21.5			
50352	17.8	22.0	22.3			
50353	18.5	19.2	19.0			
50354	19.5	21.2	21.9			
50355	17.3	21.3	22.2			
50356	17.5	21.5	21.0			
50357	17.6	21.1	21.5			
50358	16.2	20.0	22.5			
50359	18.9	19.0	18.9			
50360	15.8	21.3	22.4			
50361	16.6	20.9	18.3			
50362	19.7	19.3	19.8			
n	12	12	12			
Mean	17.75	20.63	20.94			
S.D.	1.23	1.00	1.53			

Animal No.	Food consumption			Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female			Dose : Triallyl Phosphate 10 mg/kg		
	/Day					
50351	35	42	49			
50352						
50353						
50354						
50355						
50356						
50357						
50358						
50359						
50360						
50361						
50362						
n	0	0	0			
Mean						
S.D.						

Animal No.	Food consumption			Period : F0 gestation Day 0-20	Unit : g	Species : Rat
	Sex : Female					
	/Day			Dose : Triallyl Phosphate 10 mg/kg		
	7	14	20			
50351	26.1	26.5	27.4			
50352	27.0	30.4	28.1			
50353	23.4	26.3	25.9			
50354	25.6	27.3	26.9			
50355	26.1	27.2	22.5			
50356	24.4	26.5	27.6			
50357	27.6	31.1	28.5			
50358	29.8	33.8	26.3			
50359	25.7	29.7	27.9			
50360	27.7	30.7	28.3			
50361	25.9	25.5	26.4			
50362	25.1	27.3	27.0			
n	12	12	12			
Mean	26.20	28.53	26.90			
S.D.	1.67	2.54	1.61			

	Food consumption	Period : F0 lactation Day 0-4		
	Sex : Female	Dose : Triallyl Phosphate 10 mg/kg	Unit : g	Species : Rat
Animal No.	/Day			
50351	41.4			
50352	34.0			
50353	38.3			
50354	39.8			
50355	40.7			
50356	39.4			
50357	50.6			
50358	30.7			
50359	32.7			
50360	35.5			
50361	42.2			
50362	32.2			
n	12			
Mean	38.13			
S.D.	5.54			

Animal No.	Food consumption			Period : F0 before mating Day 1-14	Unit : g	Species : Rat
	Sex : Female					
	/Day			Dose : Triallyl Phosphate 100 mg/kg		
	3	7	14			
50451	15.9	18.0	21.7			
50452	14.9	20.3	22.1			
50453	17.2	19.2	21.6			
50454	21.9	22.4	23.4			
50455	14.9	22.4	28.2			
50456	16.8	19.2	23.4			
50457	16.7	19.6	18.9			
50458	16.3	22.2	24.2			
50459	17.8	22.7	23.2			
50460	14.0	18.7	21.0			
50461	14.5	19.9	22.7			
50462	21.5	23.8	25.8			
n	12	12	12			
Mean	16.87	20.70	23.02			
S.D.	2.53	1.89	2.37			

Animal No.	Food consumption			Period : F0 Day 15-49	Unit : g	Species : Rat
	Sex : Female			Dose : Triallyl Phosphate 100 mg/kg		
	/Day					
50451	35	42	49			
50452						
50453						
50454						
50455						
50456						
50457						
50458						
50459						
50460						
50461						
50462						
n	0	0	0			
Mean						
S.D.						

Animal No.	Food consumption			Period : F0 gestation Day 0-20	Unit : g	Species : Rat
	Sex : Female			Dose : Triallyl Phosphate 100 mg/kg		
	/Day					
	7	14	20			
50451	24.7 \$	26.6 \$	18.5 \$			
50452	28.3	28.9	30.4			
50453	28.6	31.0	29.8			
50454	28.7	29.5	27.3			
50455	31.6	32.1	27.1			
50456	26.9	29.7	28.1			
50457	24.0	25.8	26.8			
50458	28.5	28.1	27.6			
50459	29.9	30.0	29.1			
50460	29.1	35.1	35.3			
50461	27.4	29.4	29.6			
50462	26.3	26.2	25.1			
n	11	11	11			
Mean	28.12	29.62	28.75			
S.D.	1.98	2.60	2.67			

\$: Excepted data from calculation

	Food consumption	Period : F0 lactation Day 0-4		
	Sex : Female	Dose : Triallyl Phosphate 100 mg/kg	Unit : g	Species : Rat
Animal No.	/Day			
50452	4			
	32.4			
50453	34.0			
50454	31.9			
50455	38.3			
50456	27.3			
50457	28.0			
50458	27.1			
50459	26.2			
50460	31.5			
50461	31.7			
50462	25.4			
n	11			
Mean	30.35			
S.D.	3.92			

Necropsy findings		Stage : Day 43	Species : Rat
Sex : Male			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10101	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10102	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10103	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10104	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10105	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10106	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10107	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10108	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10109	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10110	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10111	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10112	
Epididymis			
Findings :	Finding present		
	Yellowish white focus, cauda, unilateral		
	Non-graded change		
	Finding Comment : left, 6 x 5, mm		
Finding absent :	Other organs & tissues		

Necropsy findings			Stage : Day 43	Species : Rat
Sex : Male				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10201		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10202		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10203		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10204		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10205		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10206		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10207	Unsuccessful mating	
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10208		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10209	Infertility	
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10210		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10211		
Finding absent : Epididymis, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10212		
Finding absent : Epididymis, Other organs & tissues				

Necropsy findings		Stage : Day 43	Species : Rat
Sex : Male			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10301	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10302	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10303	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10304	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10305	
Epididymis	Findings : Finding present		
	Yellowish white focus, cauda, unilateral		
	Non-graded change		
	Finding Comment : left, 4 x 3, mm		
Finding absent :	Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10306	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10307	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10308	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10309	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10310	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10311	
Finding absent :	Epididymis, Other organs & tissues		
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10312	
Finding absent :	Epididymis, Other organs & tissues		

Necropsy findings				Stage : Day 43	Species : Rat
Sex : Male					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10401	Infertility		
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10402			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10403			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10404			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10405			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10406			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10407			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10408			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10409			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10410			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10411			
Finding absent : Epididymis, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10412			
Finding absent : Epididymis, Other organs & tissues					

Necropsy findings		Stage : Lactation day 4	Species : Rat
Sex : Female			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50151	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50152	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50153	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50154	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50155	
Oviduct			
Findings : Finding present			
Cyst, unilateral			
Non-graded change			
Finding Comment : right, 7 x 7 x 7, mm			
Uterine horn			
Findings : Finding present			
Hypoplasia			
Non-graded change			
Finding Comment : right			
Finding absent : Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50156	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50157	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50158	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50159	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50160	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50161	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50162	
Finding absent : Oviduct, Uterine horn, Other organs & tissues			

Necropsy findings			Stage : Lactation day 4	Species : Rat
Sex : Female				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50251		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50252		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50253		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50254		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50255		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50256		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50257	Unsuccessful mating	
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50258		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50259	Non-pregnancy	
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50260		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50261		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50262		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				

Necropsy findings			Stage : Lactation day 4	Species : Rat
Sex : Female				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50351		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50352		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50353		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50354		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50355		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50356		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50357		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50358		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50359		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50360		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50361		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50362		
Finding absent : Oviduct, Uterine horn, Other organs & tissues				

Necropsy findings				Stage : Lactation day 4	Species : Rat
Sex : Female					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50451	Non-pregnancy		
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50452			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50453			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50454			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50455			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50456			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50457			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50458			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50459			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50460			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50461			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50462			
Finding absent : Oviduct, Uterine horn, Other organs & tissues					

Animal No.	Organ weight Sex : Male		Stage : Day 43 Dose : Triallyl Phosphate 0 mg/kg				Species : Rat			
	Body weight g	Liver		Kidney		Testis		Epididymis		
		AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	
10101	545	18.07	3.32	3.52	0.65	3.69	0.68	1.49	0.27	
10102	516	17.58	3.41	3.45	0.67	2.94	0.57	1.28	0.25	
10103	576	18.09	3.14	4.00	0.69	3.46	0.60	1.47	0.26	
10104	566	19.10	3.37	3.88	0.69	3.41	0.60	1.19	0.21	
10105	550	18.44	3.35	3.82	0.69	3.73	0.68	1.43	0.26	
10106	592	20.06	3.39	3.66	0.62	3.32	0.56	1.30	0.22	
10107	524	14.14	2.70	3.52	0.67	3.24	0.62	1.27	0.24	
10108	531	17.40	3.28	3.80	0.72	3.38	0.64	1.34	0.25	
10109	523	16.21	3.10	3.50	0.67	3.34	0.64	1.25	0.24	
10110	535	16.99	3.18	3.44	0.64	2.68	0.50	1.12	0.21	
10111	501	15.50	3.09	3.60	0.72	3.78	0.75	1.40	0.28	
10112	533	18.71	3.51	3.76	0.71	3.78	0.71	1.49	0.28	
n	12	12	12	12	12	12	12	12	12	
Mean	541.0	17.524	3.237	3.663	0.678	3.396	0.629	1.336	0.248	
S.D.	26.3	1.634	0.215	0.186	0.031	0.337	0.070	0.122	0.025	

Animal No.	Prostate		Seminal vesicle	
	AB mg	RE mg/100g	AB g	RE g/100g
10101	736	135.05	2.08	0.38
10102	812	157.36	2.16	0.42
10103	628	109.03	2.20	0.38
10104	653	115.37	2.06	0.36
10105	666	121.09	2.37	0.43
10106	959	161.99	2.27	0.38
10107	802	153.05	1.78	0.34
10108	816	153.67	1.84	0.35
10109	701	134.03	2.05	0.39
10110	685	128.04	1.77	0.33
10111	840	167.66	2.12	0.42
10112	476	89.31	2.11	0.40
n	12	12	12	12
Mean	731.2	135.471	2.068	0.382
S.D.	124.9	24.040	0.187	0.032

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

Organ weight Sex : Male		Stage : Day 43 Dose : Triallyl Phosphate 1 mg/kg						Species : Rat	
Animal No.	Body weight	Liver		Kidney		Testis		Epididymis	
	g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g
10201	598	21.94	3.67	4.25	0.71	3.42	0.57	1.39	0.23
10202	520	18.09	3.48	3.86	0.74	3.56	0.68	1.50	0.29
10203	486	16.46	3.39	3.55	0.73	3.04	0.63	1.24	0.26
10204	573	19.48	3.40	3.84	0.67	3.54	0.62	1.54	0.27
10205	575	17.95	3.12	3.45	0.60	3.20	0.56	1.26	0.22
10206	535	17.04	3.19	3.61	0.67	3.78	0.71	1.45	0.27
10207	551	18.53	3.36	3.44	0.62	3.11	0.56	1.23	0.22
10208	505	15.63	3.10	3.61	0.71	3.81	0.75	1.44	0.29
10209	527	16.32	3.10	3.94	0.75	3.02	0.57	1.30	0.25
10210	573	18.95	3.31	3.52	0.61	4.08	0.71	1.46	0.25
10211	523	16.66	3.19	3.52	0.67	3.29	0.63	1.23	0.24
10212	578	19.45	3.37	4.06	0.70	3.58	0.62	1.39	0.24
n	12	12	12	12	12	12	12	12	12
Mean	545.3	18.042	3.307	3.721	0.682	3.453	0.634	1.369	0.253
S.D.	34.4	1.771	0.174	0.263	0.051	0.334	0.065	0.112	0.024

Animal No.	Prostate		Seminal vesicle	
	AB mg	RE mg/100g	AB g	RE g/100g
10201	1107	185.12	2.61	0.44
10202	516	99.23	2.06	0.40
10203	495	101.85	2.14	0.44
10204	590	102.97	2.00	0.35
10205	813	141.39	1.75	0.30
10206	778	145.42	1.71	0.32
10207	581	105.44	1.69	0.31
10208	761	150.69	1.73	0.34
10209	882	167.36	1.93	0.37
10210	875	152.71	2.50	0.44
10211	913	174.57	2.46	0.47
10212	769	133.04	2.03	0.35
n	12	12	12	12
Mean	756.7	138.316	2.051	0.378
S.D.	182.3	30.127	0.323	0.058

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

Organ weight Sex : Male		Stage : Day 43 Dose : Triallyl Phosphate 10 mg/kg						Species : Rat	
Animal No.	Body weight	Liver		Kidney		Testis		Epididymis	
	g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g
10301	595	19.37	3.26	3.93	0.66	3.45	0.58	1.29	0.22
10302	538	17.06	3.17	3.63	0.67	2.87	0.53	1.34	0.25
10303	560	18.86	3.37	4.20	0.75	3.54	0.63	1.39	0.25
10304	574	18.22	3.17	4.47	0.78	3.73	0.65	1.48	0.26
10305	608	22.29	3.67	3.82	0.63	3.82	0.63	1.43	0.24
10306	534	17.59	3.29	3.74	0.70	3.28	0.61	1.22	0.23
10307	520	18.21	3.50	3.64	0.70	3.64	0.70	1.43	0.28
10308	495	15.74	3.18	3.70	0.75	3.19	0.64	1.17	0.24
10309	486	14.62	3.01	3.34	0.69	3.30	0.68	1.30	0.27
10310	567	18.47	3.26	3.72	0.66	2.88	0.51	1.39	0.25
10311	576	20.87	3.62	3.98	0.69	3.13	0.54	1.36	0.24
10312	525	16.36	3.12	3.80	0.72	3.32	0.63	1.36	0.26
n	12	12	12	12	12	12	12	12	12
Mean	548.2	18.138	3.302	3.831	0.700	3.346	0.611	1.347	0.249
S.D.	38.2	2.124	0.203	0.291	0.044	0.306	0.059	0.090	0.017

Animal No.	Prostate		Seminal vesicle	
	AB mg	RE mg/100g	AB g	RE g/100g
10301	678	113.95	2.10	0.35
10302	662	123.05	1.87	0.35
10303	788	140.71	2.76	0.49
10304	897	156.27	2.43	0.42
10305	863	141.94	2.52	0.41
10306	688	128.84	2.15	0.40
10307	763	146.73	2.03	0.39
10308	631	127.47	2.37	0.48
10309	702	144.44	1.78	0.37
10310	749	132.10	2.20	0.39
10311	766	132.99	1.71	0.30
10312	732	139.43	2.08	0.40
n	12	12	12	12
Mean	743.3	135.660	2.167	0.396
S.D.	79.4	11.549	0.311	0.053

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

Organ weight Sex : Male		Stage : Day 43 Dose : Triallyl Phosphate 100 mg/kg						Species : Rat	
Animal No.	Body weight	Liver		Kidney		Testis		Epididymis	
	g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g	AB g	RE g/100g
10401	516	19.72	3.82	4.47	0.87	3.62	0.70	1.29	0.25
10402	523	20.95	4.01	4.62	0.88	3.56	0.68	1.09	0.21
10403	468	17.15	3.66	3.94	0.84	3.47	0.74	1.31	0.28
10404	551	21.10	3.83	4.69	0.85	3.24	0.59	1.09	0.20
10405	480	19.26	4.01	3.87	0.81	3.00	0.63	1.23	0.26
10406	499	19.87	3.98	4.55	0.91	3.30	0.66	1.36	0.27
10407	533	22.50	4.22	4.62	0.87	3.39	0.64	1.26	0.24
10408	491	17.97	3.66	4.63	0.94	3.14	0.64	1.33	0.27
10409	522	19.88	3.81	4.60	0.88	3.58	0.69	1.14	0.22
10410	525	21.74	4.14	4.13	0.79	3.24	0.62	1.22	0.23
10411	574	23.51	4.10	4.93	0.86	3.13	0.55	1.28	0.22
10412	509	22.10	4.34	4.32	0.85	3.20	0.63	1.15	0.23
n	12	12	12	12	12	12	12	12	12
Mean	515.9	20.479	3.965	4.448	0.863	3.323	0.648	1.229	0.240
S.D.	29.6	1.865	0.215	0.320	0.040	0.200	0.051	0.092	0.026

Animal No.	Prostate		Seminal vesicle	
	AB mg	RE mg/100g	AB g	RE g/100g
10401	994	192.64	1.92	0.37
10402	581	111.09	1.77	0.34
10403	760	162.39	1.99	0.43
10404	603	109.44	2.51	0.46
10405	599	124.79	1.82	0.38
10406	541	108.42	2.02	0.40
10407	486	91.18	1.98	0.37
10408	562	114.46	2.48	0.51
10409	719	137.74	2.19	0.42
10410	605	115.24	1.81	0.34
10411	450	78.40	1.75	0.30
10412	626	122.99	1.60	0.31
n	12	12	12	12
Mean	627.2	122.398	1.987	0.386
S.D.	143.9	30.586	0.282	0.062

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

Organ weight Sex : Female		Stage : Unsuccessful mating Dose : Triallyl Phosphate 1 mg/kg						Species : Rat
Animal No.	Body weight	Liver		Kidney		Ovary		
	g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50257	294	9.30	3.16	2.14	0.73	56	19.05	
n	1	1	1	1	1	1	1	
Mean	294.0	9.300	3.160	2.140	0.730	56.0	19.050	
S.D.								

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

Organ weight Sex : Female		Stage : Lactation day 4 Dose : Triallyl Phosphate 0 mg/kg						Species : Rat
Animal No.	Body weight	Liver		Kidney		Ovary		
	g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50151	329	12.14	3.69	1.96	0.60	100	30.40	
50152	347	12.97	3.74	2.26	0.65	159	45.82	
50153	391	12.58	3.22	2.35	0.60	101	25.83	
50154	341	14.68	4.30	2.18	0.64	103	30.21	
50155	370	12.77	3.45	2.32	0.63	99	26.76	
50156	363	14.32	3.94	2.31	0.64	99	27.27	
50157	368	15.76	4.28	2.66	0.72	112	30.43	
50158	375	12.08	3.22	2.16	0.58	102	27.20	
50159	363	10.22	2.82	2.21	0.61	107	29.48	
50160	310	12.40	4.00	2.20	0.71	124	40.00	
50161	363	10.41	2.87	1.96	0.54	97	26.72	
50162	362	15.20	4.20	2.17	0.60	99	27.35	
n	12	12	12	12	12	12	12	
Mean	356.8	12.961	3.644	2.228	0.627	108.5	30.623	
S.D.	21.9	1.748	0.526	0.184	0.051	17.6	6.085	

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

Organ weight Sex : Female		Stage : Lactation day 4 Dose : Triallyl Phosphate 1 mg/kg						Species : Rat
Animal No.	Body weight	Liver		Kidney		Ovary		
	g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50251	341	13.67	4.01	2.47	0.72	106	31.09	
50252	344	12.76	3.71	2.18	0.63	118	34.30	
50253	350	13.89	3.97	2.39	0.68	85	24.29	
50254	378	12.42	3.29	2.35	0.62	111	29.37	
50255	359	14.50	4.04	2.44	0.68	127	35.38	
50256	372	14.05	3.78	2.28	0.61	94	25.27	
50258	341	14.25	4.18	2.49	0.73	106	31.09	
50259	311 \$	9.61 \$	3.09 \$	2.04 \$	0.66 \$	99 \$	31.83 \$	
50260	350	15.10	4.31	2.64	0.75	154	44.00	
50261	394	14.21	3.61	2.62	0.66	141	35.79	
50262	346	14.43	4.17	2.44	0.71	108	31.21	
n	10	10	10	10	10	10	10	
Mean	357.5	13.928	3.907	2.430	0.679	115.0	32.179	
S.D.	18.1	0.807	0.310	0.141	0.049	20.9	5.664	

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

\$: Excepted data from calculation

Organ weight Sex : Female		Stage : Lactation day 4 Dose : Triallyl Phosphate 10 mg/kg						Species : Rat
Animal No.	Body weight	Liver		Kidney		Ovary		
	g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g	
50351	376	15.25	4.06	2.56	0.68	91	24.20	
50352	360	13.84	3.84	2.46	0.68	116	32.22	
50353	335	13.45	4.01	2.01	0.60	121	36.12	
50354	340	14.44	4.25	2.12	0.62	105	30.88	
50355	352	13.52	3.84	2.55	0.72	121	34.38	
50356	365	14.92	4.09	2.49	0.68	110	30.14	
50357	383	14.75	3.85	2.16	0.56	108	28.20	
50358	387	12.45	3.22	2.36	0.61	104	26.87	
50359	331	11.40	3.44	2.23	0.67	93	28.10	
50360	341	14.34	4.21	2.19	0.64	125	36.66	
50361	341	14.47	4.24	2.24	0.66	109	31.96	
50362	325	12.41	3.82	2.20	0.68	87	26.77	
n	12	12	12	12	12	12	12	
Mean	353.0	13.770	3.906	2.298	0.650	107.5	30.542	
S.D.	21.0	1.172	0.316	0.181	0.045	12.3	3.905	

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

Organ weight Sex : Female		Stage : Lactation day 4 Dose : Triallyl Phosphate 100 mg/kg				Species : Rat	
Animal No.	Body weight	Liver		Kidney		Ovary	
	g	AB g	RE g/100g	AB g	RE g/100g	AB mg	RE mg/100g
50451	287 \$	10.49 \$	3.66 \$	2.29 \$	0.80 \$	100 \$	34.84 \$
50452	359	15.65	4.36	2.61	0.73	109	30.36
50453	340	14.11	4.15	2.64	0.78	114	33.53
50454	357	15.76	4.41	2.82	0.79	133	37.25
50455	363	17.24	4.75	2.74	0.75	115	31.68
50456	363	16.81	4.63	2.83	0.78	129	35.54
50457	332	13.07	3.94	2.44	0.73	99	29.82
50458	332	13.93	4.20	2.32	0.70	117	35.24
50459	326	12.46	3.82	2.52	0.77	110	33.74
50460	378	17.02	4.50	2.64	0.70	110	29.10
50461	359	16.09	4.48	2.54	0.71	94	26.18
50462	343	12.64	3.69	2.46	0.72	121	35.28
n	11	11	11	11	11	11	11
Mean	350.2	14.980	4.266	2.596	0.742	113.7	32.520
S.D.	16.4	1.796	0.339	0.161	0.034	11.5	3.370

AB : Absolute weight, RE : Relative weight by body weight
\$: Excepted data from calculation

Histopathological findings		Stage : Day 43	Species : Rat
Sex : Male			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10101	
Kidney			
Findings : Finding present			
Basophilic change, renal tubule			
Slight			
Finding absent :	Liver, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10102	
Finding absent :	Liver, Kidney, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10103	
Finding absent :	Liver, Kidney, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10104	
Testis			
Findings : Finding present			
Atrophy, seminiferous tubule			
Slight			
Epididymis			
Findings : Finding present			
Cell debris, lumen			
Slight			
Prostate			
Findings : Finding present			
Inflammation			
Slight			
Finding absent :	Liver, Kidney, Seminal vesicle, Coagulating gland		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10105	
Kidney			
Findings : Finding present			
Basophilic change, renal tubule			
Slight			
Finding absent :	Liver, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10106	
Finding absent :	Liver, Kidney, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland		
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10107	
Kidney			
Findings : Finding present			
Basophilic change, renal tubule			
Slight			
Finding absent :	Liver, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland		

Histopathological findings			Stage : Day 43	Species : Rat
Sex : Male				
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10108		
Prostate				
Findings : Finding present				
Inflammation				
Slight				
Finding absent : Liver, Kidney, Testis, Epididymis, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10109		
Prostate				
Findings : Finding present				
Inflammation				
Slight				
Finding absent : Liver, Kidney, Testis, Epididymis, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10110		
Finding absent : Liver, Kidney, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10111		
Prostate				
Findings : Finding present				
Inflammation				
Slight				
Finding absent : Liver, Kidney, Testis, Epididymis, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 10112		
Epididymis				
Findings : Finding present				
Granuloma, spermatic				
Slight				
Finding Comment : right and left				
Finding absent : Liver, Kidney, Testis, Prostate, Seminal vesicle, Coagulating gland				

Histopathological findings		Stage : Day 43	Species : Rat
Sex : Male			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10201	
Finding absent : Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10202	
Liver			
Findings : Finding present			
Microgranuloma			
Slight			
Finding absent : Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10203	
Finding absent : Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10204	
Finding absent : Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10205	
Kidney			
Findings : Finding present			
Basophilic change, renal tubule			
Slight			
Infiltration, inflammatory cell, papilla			
Slight			
Fibrosis, papilla			
Slight			
Finding absent : Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10206	
Finding absent : Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10207	Unsuccessful mating
Kidney			
Findings : Finding present			
Basophilic change, renal tubule			
Slight			
Prostate			
Findings : Finding present			
Inflammation			
Slight			
Finding absent : Liver, Testis, Epididymis, Seminal vesicle, Coagulating gland			

Histopathological findings			Stage : Day 43	Species : Rat
Sex : Male				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10208		
Finding absent :	Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10209	Infertility	
Finding absent :	Liver, Kidney, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10210		
Finding absent :	Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10211		
Finding absent :	Liver, Kidney			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 10212		
Finding absent :	Liver, Kidney			

Histopathological findings			Stage : Day 43	Species : Rat
Sex : Male				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10301		
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding Comment : alpha-2u-globulin antibody positive				
Finding absent : Liver				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10302		
Finding absent : Liver, Kidney				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10303		
Finding absent : Liver, Kidney				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10304		
Finding absent : Liver, Kidney				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10305		
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding Comment : alpha-2u-globulin antibody positive				
Basophilic change, renal tubule				
Slight				
Epididymis				
Findings : Finding present				
Granuloma, spermatic				
Slight				
Finding Comment : left				
Finding absent : Liver				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10306		
Liver				
Findings : Finding present				
Microgranuloma				
Slight				
Finding absent : Kidney				

Histopathological findings			Stage : Day 43	Species : Rat
Sex : Male				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10307		
Finding absent : Liver, Kidney				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10308		
Finding absent : Liver, Kidney				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10309		
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding absent : Liver				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10310		
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding absent : Liver				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10311		
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding absent : Liver				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 10312		
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding absent : Liver				

Histopathological findings		Sex : Male	Stage : Day 43	Species : Rat
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10401	Infertility	
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Finding Comment : alpha-2u-globulin antibody positive				
Basophilic change, renal tubule				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10402		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Finding Comment : alpha-2u-globulin antibody positive				
Basophilic change, renal tubule				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10403		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				

Histopathological findings		Stage : Day 43	Species : Rat
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10404	
Liver			
Findings : Finding present			
Hypertrophy, hepatocyte, centrilobular			
Slight			
Kidney			
Findings : Finding present			
Eosinophilic body, proximal tubular epithelium			
Mild			
Basophilic change, renal tubule			
Slight			
Prostate			
Findings : Finding present			
Inflammation			
Slight			
Finding absent : Testis, Epididymis, Seminal vesicle, Coagulating gland			
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10405	
Liver			
Findings : Finding present			
Hypertrophy, hepatocyte, centrilobular			
Slight			
Kidney			
Findings : Finding present			
Eosinophilic body, proximal tubular epithelium			
Mild			
Basophilic change, renal tubule			
Slight			
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland			
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10406	
Liver			
Findings : Finding present			
Hypertrophy, hepatocyte, centrilobular			
Slight			
Kidney			
Findings : Finding present			
Eosinophilic body, proximal tubular epithelium			
Mild			
Prostate			
Findings : Finding present			
Inflammation			
Slight			
Finding absent : Testis, Epididymis, Seminal vesicle, Coagulating gland			

Histopathological findings			Stage : Day 43	Species : Rat
Sex : Male				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10407		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10408		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Basophilic change, renal tubule				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10409		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Basophilic change, renal tubule				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				

Histopathological findings			Stage : Day 43	Species : Rat
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10410		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Basophilic change, renal tubule				
Slight				
Prostate				
Findings : Finding present				
Inflammation				
Slight				
Finding absent : Testis, Epididymis, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10411		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Basophilic change, renal tubule				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 10412		
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Kidney				
Findings : Finding present				
Eosinophilic body, proximal tubular epithelium				
Mild				
Basophilic change, renal tubule				
Slight				
Finding absent : Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland				

Histopathological findings		Stage : Lactation day 4	Species : Rat
Sex : Female			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50151	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50152	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50153	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50154	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50155	
Oviduct			
Findings : Finding present			
Cyst			
Slight			
Finding Comment : right			
Uterine horn			
Findings : Finding present			
Atrophy, myometrium			
Moderate			
Finding Comment : right			
Atrophy, endometrium			
Mild			
Finding Comment : right			
Finding absent : Liver, Kidney, Ovary, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50156	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50157	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50158	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50159	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50160	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50161	
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			

Histopathological findings

Sex : Female

Stage : Lactation day 4

Species : Rat

Test article : Triallyl Phosphate	Dose : 0 mg/kg	Animal No. : 50162
Finding absent :	Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina	

Histopathological findings			Stage : Lactation day 4	Species : Rat
Sex : Female				
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50251		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50252		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50253		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50254		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50255		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50256		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50257	Unsuccessful mating	
Vagina				
Findings : Finding present				
Septum				
Slight				
Finding absent :	Liver, Kidney, Ovary, Uterine horn, Uterine cervix			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50258		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50259	Non-pregnancy	
Finding absent :	Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50260		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50261		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 1 mg/kg	Animal No. : 50262		
Finding absent :	Liver			

Histopathological findings			Stage : Lactation day 4	Species : Rat
Sex : Female				
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50351		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50352		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50353		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50354		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50355		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50356		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50357		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50358		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50359		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50360		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50361		
Finding absent :	Liver			
Test article : Triallyl Phosphate	Dose : 10 mg/kg	Animal No. : 50362		
Finding absent :	Liver			

Histopathological findings				Stage : Lactation day 4	Species : Rat
Sex : Female					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50451	Non-pregnancy		
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50452			
Liver					
Findings : Finding present					
Hypertrophy, hepatocyte, centrilobular					
Slight					
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50453			
Liver					
Findings : Finding present					
Hypertrophy, hepatocyte, centrilobular					
Slight					
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50454			
Liver					
Findings : Finding present					
Hypertrophy, hepatocyte, centrilobular					
Slight					
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50455			
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50456			
Liver					
Findings : Finding present					
Hypertrophy, hepatocyte, centrilobular					
Slight					
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50457			
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50458			
Finding absent : Liver, Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					
Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50459			
Liver					
Findings : Finding present					
Hypertrophy, hepatocyte, centrilobular					
Slight					
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina					

Histopathological findings			Stage : Lactation day 4	Species : Rat
Sex : Female	Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50460	
Kidney				
Findings : Finding present				
Basophilic change, renal tubule				
Slight				
Finding absent : Liver, Ovary, Uterine horn, Uterine cervix, Vagina				
Sex : Female	Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50461	
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina				
Sex : Female	Test article : Triallyl Phosphate	Dose : 100 mg/kg	Animal No. : 50462	
Liver				
Findings : Finding present				
Hypertrophy, hepatocyte, centrilobular				
Slight				
Finding absent : Kidney, Ovary, Uterine horn, Uterine cervix, Vagina				

Animal No.	Estrus cycles and copulation														Length of estrous cycle		Mean	Number of estrus	Animal with acyclic or irregular cycle	
	Generation : F0																			
	Dose : Triallyl Phosphate 0 mg/kg																			
/Before mating (day)																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
50151	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4	4.0	3	-	
50152	P	E	M	D	D	P	E	M	D	D	P	E	M	D	5	5	5.0	3	-	
50153	M	D	P	E	M	D	D	E	M	D	D	E	M	D	4	4	4.0	3	-	
50154	E	M	D	P	E	M	D	D	E	M	D	D	E	M	4	4	4	4.0	4	-
50155	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4	4.0	3	-	
50156	P	E	M	D	P	E	M	D	D	E	M	D	D	E	4	4	4	4.0	4	-
50157	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50158	M	D	P	E	M	D	D	E	M	D	P	E	M	D	4	4		4.0	3	-
50159	P	E	M	D	D	E	M	D	P	E	M	D	D	E	4	4	4	4.0	4	-
50160	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50161	D	P	E	M	D	D	E	M	D	D	E	M	D	D	4	4		4.0	3	-
50162	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Animal No.	Estrus cycles and copulation														Length of estrous cycle			Mean	Number of estrus	Animal with acyclic or irregular cycle
	Generation : F0																			
	Dose : Triallyl Phosphate 1 mg/kg																			
/Before mating (day)																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
50251	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50252	E	M	D	P	E	M	D	D	E	M	D	P	E	M	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	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50255	P	E	M	D	D	E	M	D	P	E	M	D	D	E	4	4	4	4.0	4	-
50256	P	E	E	M	D	P	E	M	D	P	E	M	D	P	5	4		4.5	3	-
50257	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50258	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50259	E	M	D	P	E	M	D	D	D	E	M	D	P	E	4	5	4	4.3	4	-
50260	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50261	P	E	E	M	D	P	E	E	M	D	P	E	E	M	5	5		5.0	3	-
50262	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Animal No.	Estrus cycles and copulation														Length of estrous cycle			Mean	Number of estrus	Animal with acyclic or irregular cycle
	Generation : F0																			
	Dose : Triallyl Phosphate 10 mg/kg														Species : Rat					
/Before mating (day)																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	(days)					
50351	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50352	P	E	M	D	D	E	M	D	P	E	M	D	D	E	4	4	4	4.0	4	-
50353	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50354	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50355	D	P	E	M	D	D	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50356	P	E	M	D	D	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50357	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50358	P	E	M	D	D	E	M	D	P	E	M	D	D	E	4	4	4	4.0	4	-
50359	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50360	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50361	P	E	M	D	D	E	M	D	P	E	M	D	D	E	4	4	4	4.0	4	-
50362	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, - : Smear was not sampled or missing value

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Animal No.	Estrus cycles and copulation														Length of estrous cycle			Mean	Number of estrus	Animal with acyclic or irregular cycle
	Generation : F0																			
	Dose : Triallyl Phosphate 100 mg/kg														Species : Rat					
/Before mating (day)																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	(days)					
50451	E	M	D	D	D	E	M	D	D	P	E	M	D	D	5	5	5.0	3	-	
50452	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4.0	4	-	
50453	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50454	E	M	D	D	E	M	D	D	E	M	D	P	E	M	4	4	4.0	4	-	
50455	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4	4.0	3	-	
50456	M	D	P	E	E	M	D	D	P	E	M	D	D	E	6	4	5.0	3	-	
50457	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4.0	4	-	
50458	P	P	E	M	D	P	E	E	M	D	P	E	M	D	4	5	4.5	3	-	
50459	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4.0	4	-	
50460	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4	4.0	3	-	
50461	P	E	M	D	D	E	M	D	D	E	M	D	D	E	4	4	4.0	4	-	
50462	E	M	D	P	E	M	D	D	E	M	D	D	E	M	4	4	4.0	4	-	

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Animal No.	Estrus cycles and copulation														Length of estrous cycle (days)	Mean	Number of estrus
	Generation : F0																
Dose : Triallyl Phosphate 1 mg/kg															Species : Rat		
/1st mating (times)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14			
50251	D	P	E														1
	N	N	Y														
50252	D	P	E														1
	N	N	Y														
50253	D	P	E														1
	N	N	Y														
50254	E																1
	Y																
50255	M	D	P	E													1
	N	N	N	Y													
50256	E																1
	Y																
50257	M	D	D	D	D	D	D	D	D	D	D	D	D	D			0
	N	N	N	N	N	N	N	N	N	N	N	N	N	N			
50258	M	D	P	E													1
	N	N	N	Y													
50259	E																1
	Y																
50260	M	D	P	E													1
	N	N	N	Y													
50261	D	P	E														1
	N	N	Y														
50262	E																1
	Y																

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

Lower / Y : Completion in copulation, N : Incompletion in copulation, - : Smear was not sampled or missing value

Animal No.	Estrus cycles and copulation														Length of estrous cycle (days)	Mean	Number of estrus
	Generation : F0																
Dose : Triallyl Phosphate 10 mg/kg															Species : Rat		
/1st mating (times)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14			
50351	M	D	P	E													1
	N	N	N	Y													
50352	M	D	P	E													1
	N	N	N	Y													
50353	D	P	E														1
	N	N	Y														
50354	P	E															1
	N	Y															
50355	E																1
	Y																
50356	M	D	D	E													1
	N	N	N	Y													
50357	M	D	P	E													1
	N	N	N	Y													
50358	M	D	D	E													1
	N	N	N	Y													
50359	D	P	E														1
	N	N	Y														
50360	E																1
	Y																
50361	M	D	P	E													1
	N	N	N	Y													
50362	P	E															1
	N	Y															

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

Lower / Y : Completion in copulation, N : Incompletion in copulation, - : Smear was not sampled or missing value

Reproductive performance										
Generation : F0		Sex : Male		Dose : Triallyl Phosphate 0 mg/kg					Species : Rat	
Animal No.	Day of conceiving	1st mating			2nd mating			Total		
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility	
10101	1	50151	+	+	///	///	///	+	+	
10102	3	50152	+	+	///	///	///	+	+	
10103	2	50153	+	+	///	///	///	+	+	
10104	3	50154	+	+	///	///	///	+	+	
10105	2	50155	+	+	///	///	///	+	+	
10106	4	50156	+	+	///	///	///	+	+	
10107	4	50157	+	+	///	///	///	+	+	
10108	2	50158	+	+	///	///	///	+	+	
10109	8	50159	+	+	///	///	///	+	+	
10110	1	50160	+	+	///	///	///	+	+	
10111	1	50161	+	+	///	///	///	+	+	
10112	1	50162	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	2.7									
S.D.	2.0									
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 : Triallyl Phosphate 1 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	3	50252	+	+	///	///	///	+	+		
10203	3	50253	+	+	///	///	///	+	+		
10204	1	50254	+	+	///	///	///	+	+		
10205	4	50255	+	+	///	///	///	+	+		
10206	1	50256	+	+	///	///	///	+	+		
10207	-	50257	-	///	///	///	///	-	///		
10208	4	50258	+	+	///	///	///	+	+		
10209	1	50259	+	-	///	///	///	+	-		
10210	4	50260	+	+	///	///	///	+	+		
10211	3	50261	+	+	///	///	///	+	+		
10212	1	50262	+	+	///	///	///	+	+		
n	11		12	11		0	0	12	11		
Mean	2.5										
S.D.	1.3										
No. of positives			11	10				11	10		
%			91.7	90.9				91.7	90.9		

/// : No need to input/measure

Reproductive performance										
Generation : F0		Sex : Male		Dose : Triallyl Phosphate 10 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	4	50351	+	+	///	///	///	+	+	
10302	4	50352	+	+	///	///	///	+	+	
10303	3	50353	+	+	///	///	///	+	+	
10304	2	50354	+	+	///	///	///	+	+	
10305	1	50355	+	+	///	///	///	+	+	
10306	4	50356	+	+	///	///	///	+	+	
10307	4	50357	+	+	///	///	///	+	+	
10308	4	50358	+	+	///	///	///	+	+	
10309	3	50359	+	+	///	///	///	+	+	
10310	1	50360	+	+	///	///	///	+	+	
10311	4	50361	+	+	///	///	///	+	+	
10312	2	50362	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	3.0									
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 : Triallyl Phosphate 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		
10401	1	50451	+	-	///	///	///	+	-		
10402	4	50452	+	+	///	///	///	+	+		
10403	3	50453	+	+	///	///	///	+	+		
10404	3	50454	+	+	///	///	///	+	+		
10405	1	50455	+	+	///	///	///	+	+		
10406	1	50456	+	+	///	///	///	+	+		
10407	3	50457	+	+	///	///	///	+	+		
10408	2	50458	+	+	///	///	///	+	+		
10409	4	50459	+	+	///	///	///	+	+		
10410	1	50460	+	+	///	///	///	+	+		
10411	4	50461	+	+	///	///	///	+	+		
10412	3	50462	+	+	///	///	///	+	+		
n	12		12	12		0	0	12	12		
Mean	2.5										
S.D.	1.2										
No. of positives			12	11				12	11		
%			100.0	91.7				100.0	91.7		

/// : No need to input/measure

Reproductive performance										
Generation : F0		Sex : Female		Dose : Triallyl Phosphate 0 mg/kg					Species : Rat	
Animal No.	Day of conceiving	1st mating			2nd mating			Total		
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility	
50151	1	10101	+	+	///	///	///	+	+	
50152	3	10102	+	+	///	///	///	+	+	
50153	2	10103	+	+	///	///	///	+	+	
50154	3	10104	+	+	///	///	///	+	+	
50155	2	10105	+	+	///	///	///	+	+	
50156	4	10106	+	+	///	///	///	+	+	
50157	4	10107	+	+	///	///	///	+	+	
50158	2	10108	+	+	///	///	///	+	+	
50159	8	10109	+	+	///	///	///	+	+	
50160	1	10110	+	+	///	///	///	+	+	
50161	1	10111	+	+	///	///	///	+	+	
50162	1	10112	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	2.7									
S.D.	2.0									
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 : Triallyl Phosphate 1 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	3	10202	+	+	///	///	///	+	+	
50253	3	10203	+	+	///	///	///	+	+	
50254	1	10204	+	+	///	///	///	+	+	
50255	4	10205	+	+	///	///	///	+	+	
50256	1	10206	+	+	///	///	///	+	+	
50257	-	10207	-	///	///	///	///	-	///	
50258	4	10208	+	+	///	///	///	+	+	
50259	1	10209	+	-	///	///	///	+	-	
50260	4	10210	+	+	///	///	///	+	+	
50261	3	10211	+	+	///	///	///	+	+	
50262	1	10212	+	+	///	///	///	+	+	
n	11		12	11		0	0	12	11	
Mean	2.5									
S.D.	1.3									
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 : Triallyl Phosphate 10 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	4	10301	+	+	///	///	///	+	+	
50352	4	10302	+	+	///	///	///	+	+	
50353	3	10303	+	+	///	///	///	+	+	
50354	2	10304	+	+	///	///	///	+	+	
50355	1	10305	+	+	///	///	///	+	+	
50356	4	10306	+	+	///	///	///	+	+	
50357	4	10307	+	+	///	///	///	+	+	
50358	4	10308	+	+	///	///	///	+	+	
50359	3	10309	+	+	///	///	///	+	+	
50360	1	10310	+	+	///	///	///	+	+	
50361	4	10311	+	+	///	///	///	+	+	
50362	2	10312	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	3.0									
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 : Triallyl Phosphate 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	
50451	1	10401	+	-	///	///	///	+	-	
50452	4	10402	+	+	///	///	///	+	+	
50453	3	10403	+	+	///	///	///	+	+	
50454	3	10404	+	+	///	///	///	+	+	
50455	1	10405	+	+	///	///	///	+	+	
50456	1	10406	+	+	///	///	///	+	+	
50457	3	10407	+	+	///	///	///	+	+	
50458	2	10408	+	+	///	///	///	+	+	
50459	4	10409	+	+	///	///	///	+	+	
50460	1	10410	+	+	///	///	///	+	+	
50461	4	10411	+	+	///	///	///	+	+	
50462	3	10412	+	+	///	///	///	+	+	
n	12		12	12		0	0	12	12	
Mean	2.5									
S.D.	1.2									
No. of positives			12	11				12	11	
%			100.0	91.7				100.0	91.7	

/// : No need to input/measure

Delivery data Generation : F0				Dose : Triallyl Phosphate 0 mg/kg								Species : Rat							
Dam No.	Gestation period (day)	Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Number of dead newborns				Number of dead newborns							
					M	F	Total	Dead				Cannibalism				Total			
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total
50151	22	16(8/8)	100.0	16	10	6	16	0	0	0	0	0	0	0	0	0	0	0	0
50152	23	19(9/10)	94.7	18	9	9	18	0	0	0	0	0	0	0	0	0	0	0	0
50153	23	17(9/8)	94.1	16	7	9	16	0	0	0	0	0	0	0	0	0	0	0	0
50154	22	16(12/4)	100.0	16	10	6	16	0	0	0	0	0	0	0	0	0	0	0	0
50155	22	9(0/9)	100.0	9	6	3	9	0	0	0	0	0	0	0	0	0	0	0	0
50156	23	15(8/7)	93.3	14	4	10	14	0	0	0	0	0	0	0	0	0	0	0	0
50157	23	17(12/5)	76.5	13	8	5	13	0	0	0	0	0	0	0	0	0	0	0	0
50158	22	15(7/8)	100.0	15	8	7	15	0	0	0	0	0	0	0	0	0	0	0	0
50159	23	15(6/9)	86.7	13	8	5	13	0	0	0	0	0	0	0	0	0	0	0	0
50160	22	15(11/4)	86.7	13	7	6	13	0	0	0	0	0	0	0	0	0	0	0	0
50161	23	15(6/9)	93.3	14	5	9	14	0	0	0	0	0	0	0	0	0	0	0	0
50162	22	16(8/8)	93.8	15	9	6	15	0	0	0	0	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Mean	22.50	15.4	93.26	14.3	7.6	6.8	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.D.	0.52	2.4	7.08	2.3	1.9	2.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data Generation : F0				Dose : Triallyl Phosphate 1 mg/kg								Species : Rat								
Dam No.	Gestation period (day)	Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Number of dead newborns				Number of cannibalisms				Total				
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	
50251	22	17(6/11)	94.1	16	9	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0
50252	22	18(9/9)	88.9	16	12	4	16	0	0	0	0	0	0	0	0	0	0	0	0	0
50253	22	17(5/12)	88.2	15	8	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0
50254	23	16(12/4)	93.8	15	10	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0
50255	23	15(6/9)	86.7	13	10	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0
50256	22	17(9/8)	100.0	17	9	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0
50258	22	16(9/7)	93.8	15	11	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0
50260	22	19(8/11)	100.0	19	14	5	19	0	0	0	0	0	0	0	0	0	0	0	0	0
50261	22	18(6/12)	83.3	17	7	8	15	0	2	0	2	0	0	0	0	0	0	2	0	2
50262	23	18(7/11)	94.4	17	8	9	17	0	0	0	0	0	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Mean	22.30	17.1	92.32	16.0	9.8	6.0	15.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
S.D.	0.48	1.2	5.49	1.6	2.1	2.1	1.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data Generation : F0				Dose : Triallyl Phosphate 10 mg/kg								Species : Rat								
Dam No.	Gestation period (day)	Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Number of dead newborns				Number of dead newborns				Total				
								Dead				Cannibalism				Total				
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	
50351	22	15(9/6)	86.7	13	2	11	13	0	0	0	0	0	0	0	0	0	0	0	0	0
50352	22	17(11/6)	88.2	15	6	9	15	0	0	0	0	0	0	0	0	0	0	0	0	0
50353	22	17(11/6)	100.0	17	11	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0
50354	22	16(5/11)	87.5	14	6	8	14	0	0	0	0	0	0	0	0	0	0	0	0	0
50355	23	17(9/8)	100.0	17	8	9	17	0	0	0	0	0	0	0	0	0	0	0	0	0
50356	22	15(7/8)	86.7	13	9	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0
50357	23	17(8/9)	88.2	16	5	10	15	1	0	0	1	0	0	0	0	1	0	0	0	1
50358	22	17(10/7)	88.2	15	5	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0
50359	22	15(10/5)	93.3	14	7	7	14	0	0	0	0	0	0	0	0	0	0	0	0	0
50360	22	19(11/8)	100.0	19	10	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0
50361	22	17(7/10)	100.0	17	6	11	17	0	0	0	0	0	0	0	0	0	0	0	0	0
50362	22	15(8/7)	93.3	14	8	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Mean	22.17	16.4	92.68	15.3	6.9	8.3	15.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	
S.D.	0.39	1.2	5.83	1.9	2.5	2.2	1.9	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data Generation : F0				Dose : Triallyl Phosphate 100 mg/kg								Species : Rat								
Dam No.	Gestation period (day)	Number of implantation	Birth index (%)	Number of offspring	Number of live newborns			Number of dead newborns				Number of cannibalisms				Total				
					M	F	Total	M	F	U	Total	M	F	U	Total	M	F	U	Total	
50452	22	16(8/8)	93.8	15	13	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0
50453	22	14(9/5)	92.9	13	4	9	13	0	0	0	0	0	0	0	0	0	0	0	0	0
50454	23	18(5/13)	88.9	16	10	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0
50455	23	19(9/10)	94.7	18	10	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0
50456	23	17(10/7)	64.7	11	6	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0
50457	23	16(7/9)	87.5	14	9	5	14	0	0	0	0	0	0	0	0	0	0	0	0	0
50458	23	16(11/5)	100.0	16	8	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0
50459	22	17(9/8)	100.0	17	6	11	17	0	0	0	0	0	0	0	0	0	0	0	0	0
50460	22	17(10/7)	94.1	16	9	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0
50461	23	16(7/9)	81.3	15	7	6	13	2	0	0	2	0	0	0	0	2	0	0	0	2
50462	23	15(10/5)	73.3	11	2	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mean	22.64	16.5	88.29	14.7	7.6	6.9	14.5	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2
S.D.	0.50	1.4	11.10	2.3	3.1	2.5	2.3	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.6

(/) : Number of implantation Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data			
Generation : F0		Dose : Triallyl Phosphate 0 mg/kg	
Species : Rat			
Dam No.	Number of corpora lutea	Number of implantation	Implantation index (%)
50151	16(8/8)	16(8/8)	100.0
50152	19(9/10)	19(9/10)	100.0
50153	18(10/8)	17(9/8)	94.4
50154	17(12/5)	16(12/4)	94.1
50155	12(3/9)	9(0/9)	75.0
50156	15(8/7)	15(8/7)	100.0
50157	17(12/5)	17(12/5)	100.0
50158	16(7/9)	15(7/8)	93.8
50159	15(6/9)	15(6/9)	100.0
50160	15(11/4)	15(11/4)	100.0
50161	15(6/9)	15(6/9)	100.0
50162	16(8/8)	16(8/8)	100.0
Total	191	185	
n	12	12	12
Mean	15.9	15.4	96.44
S.D.	1.8	2.4	7.25

(/) : Right/Left

Delivery data			
Generation : F0		Dose : Triallyl Phosphate 1 mg/kg	
Species : Rat			
Dam No.	Number of corpora lutea	Number of implantation	Implantation index (%)
50251	17(6/11)	17(6/11)	100.0
50252	18(9/9)	18(9/9)	100.0
50253	17(5/12)	17(5/12)	100.0
50254	16(12/4)	16(12/4)	100.0
50255	15(6/9)	15(6/9)	100.0
50256	17(9/8)	17(9/8)	100.0
50258	16(9/7)	16(9/7)	100.0
50259	Non-Pregnancy		
50260	19(8/11)	19(8/11)	100.0
50261	18(6/12)	18(6/12)	100.0
50262	18(7/11)	18(7/11)	100.0
Total	171	171	
n	10	10	10
Mean	17.1	17.1	100.00
S.D.	1.2	1.2	0.00

(/) : Right/Left

Delivery data			
Generation : F0		Dose : Triallyl Phosphate 10 mg/kg	
Species : Rat			
Dam No.	Number of corpora lutea	Number of implantation	Implantation index (%)
50351	15(9/6)	15(9/6)	100.0
50352	17(11/6)	17(11/6)	100.0
50353	17(11/6)	17(11/6)	100.0
50354	17(5/12)	16(5/11)	94.1
50355	18(10/8)	17(9/8)	94.4
50356	15(7/8)	15(7/8)	100.0
50357	17(8/9)	17(8/9)	100.0
50358	17(10/7)	17(10/7)	100.0
50359	15(10/5)	15(10/5)	100.0
50360	19(11/8)	19(11/8)	100.0
50361	17(7/10)	17(7/10)	100.0
50362	15(8/7)	15(8/7)	100.0
Total	199	197	
n	12	12	12
Mean	16.6	16.4	99.04
S.D.	1.3	1.2	2.24

(/) : Right/Left

Delivery data		Dose : Triallyl Phosphate 100 mg/kg		Species : Rat
Generation : F0				
Dam No.	Number of corpora lutea	Number of implantation	Implantation index (%)	
50451	Non-Pregnancy			
50452	16(8/8)	16(8/8)	100.0	
50453	14(9/5)	14(9/5)	100.0	
50454	18(5/13)	18(5/13)	100.0	
50455	19(9/10)	19(9/10)	100.0	
50456	19(12/7)	17(10/7)	89.5	
50457	16(7/9)	16(7/9)	100.0	
50458	16(11/5)	16(11/5)	100.0	
50459	17(9/8)	17(9/8)	100.0	
50460	17(10/7)	17(10/7)	100.0	
50461	16(7/9)	16(7/9)	100.0	
50462	15(10/5)	15(10/5)	100.0	
Total	183	181		
n	11	11	11	
Mean	16.6	16.5	99.05	
S.D.	1.6	1.4	3.17	

(/) : Right/Left

Delivery data : External examination of offspring
 Generation : F0

Unit : Number of anomalous offspring (incidence %)
 Dose : Triallyl Phosphate 0 mg/kg

Days after birth : 0
 Species : Rat

Dam No.	Number of offspring examined	/Findings
50151	16	No anomaly
50152	18	No anomaly
50153	16	No anomaly
50154	16	No anomaly
50155	9	No anomaly
50156	14	No anomaly
50157	13	No anomaly
50158	15	No anomaly
50159	13	No anomaly
50160	13	No anomaly
50161	14	No anomaly
50162	15	No anomaly
Total	172	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data : External examination of offspring
 Generation : F0

Unit : Number of anomalous offspring (incidence %)
 Dose : Triallyl Phosphate 1 mg/kg

Days after birth : 0
 Species : Rat

Dam No.	Number of offspring examined	/Findings
50251	16	No anomaly
50252	16	No anomaly
50253	15	No anomaly
50254	15	No anomaly
50255	13	No anomaly
50256	17	No anomaly
50258	15	No anomaly
50260	19	No anomaly
50261	15	No anomaly
50262	17	No anomaly
Total	158	
n	10	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data : External examination of offspring
 Generation : F0

Unit : Number of anomalous offspring (incidence %)
 Dose : Triallyl Phosphate 10 mg/kg

Days after birth : 0
 Species : Rat

Dam No.	Number of offspring examined	/Findings
50351	13	No anomaly
50352	15	No anomaly
50353	17	No anomaly
50354	14	No anomaly
50355	17	No anomaly
50356	13	No anomaly
50357	15	No anomaly
50358	15	No anomaly
50359	14	No anomaly
50360	19	No anomaly
50361	17	No anomaly
50362	14	No anomaly
Total	183	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data : External examination of offspring
 Generation : F0

Unit : Number of anomalous offspring (incidence %)
 Dose : Triallyl Phosphate 100 mg/kg

Days after birth : 0
 Species : Rat

Dam No.	Number of offspring examined	/Findings
50452	15	No anomaly
50453	13	No anomaly
50454	16	No anomaly
50455	18	No anomaly
50456	11	No anomaly
50457	14	No anomaly
50458	16	No anomaly
50459	17	No anomaly
50460	16	No anomaly
50461	13	No anomaly
50462	11	No anomaly
Total	160	
n	11	
Mean		
S.D.		

Mean : Average of incidence (%)

		Clinical sign of offspring Generation : F0		Dose : Triallyl Phosphate 0 mg/kg					Time : 1
									Species : Rat
Dam No.	Number of offspring	/Days after birth							
		0	1	2	3	4			
50151	Alive : Male	10	10	10	10	10			
	Female	6	6	6	6	6			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	10/6	10/6	10/6	10/6	10/6			
50152	Alive : Male	9	9	9	9	9			
	Female	9	9	9	9	9			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	9/9	9/9	9/9	9/9	9/9			
50153	Alive : Male	7	7	7	7	7			
	Female	9	9	9	9	9			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	7/9	7/9	7/9	7/9	7/9			
50154	Alive : Male	10	10	10	10	10			
	Female	6	6	6	6	6			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	10/6	10/6	10/6	10/6	10/6			
50155	Alive : Male	6	6	6	6	6			
	Female	3	3	3	3	3			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	6/3	6/3	6/3	6/3	6/3			
50156	Alive : Male	4	4	4	4	4			
	Female	10	10	10	10	10			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	4/10	4/10	4/10	4/10	4/10			

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring		Dose : Triallyl Phosphate 0 mg/kg				
Generation : F0						
Dam No.	Number of offspring	/Days after birth				
		0	1	2	3	4
50157	Alive : Male	8	8	8	8	8
	Female	5	5	5	5	5
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Signs					
	No abnormality	8/5	8/5	8/5	8/5	8/5
50158	Alive : Male	8	8	8	8	8
	Female	7	7	7	7	7
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Signs					
	No abnormality	8/7	8/7	8/7	8/7	8/7
50159	Alive : Male	8	8	8	8	8
	Female	5	5	5	5	5
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Signs					
	No abnormality	8/5	8/5	8/5	8/5	8/5
50160	Alive : Male	7	7	7	7	7
	Female	6	6	6	6	6
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Signs					
	No abnormality	7/6	7/6	7/6	7/6	7/6
50161	Alive : Male	5	5	5	5	5
	Female	9	9	9	9	9
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Signs					
	No abnormality	5/9	5/9	5/9	5/9	5/9
50162	Alive : Male	9	9	9	9	9
	Female	6	6	6	6	6
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
	Signs					
	No abnormality	9/6	9/6	9/6	9/6	9/6

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring		Dose : Triallyl Phosphate 1 mg/kg				
		Generation : F0						
				Time : 1				
				Species : Rat				
Dam No.	Number of offspring	/Days after birth						
		0	1	2	3	4		
50251	Alive : Male	9	9	9	9	9		
	Female	7	7	7	7	7		
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Signs							
	No abnormality	9/7	9/7	9/7	9/7	9/7		
50252	Alive : Male	12	12	12	12	12		
	Female	4	4	4	4	4		
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Signs							
	No abnormality	12/4	12/4	12/4	12/4	12/4		
50253	Alive : Male	8	8	8	8	8		
	Female	7	7	7	7	7		
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Signs							
	No abnormality	8/7	8/7	8/7	8/7	8/7		
50254	Alive : Male	10	10	10	10	10		
	Female	5	5	5	5	5		
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Signs							
	No abnormality	10/5	10/5	10/5	10/5	10/5		
50255	Alive : Male	10	10	10	10	10		
	Female	3	3	3	3	3		
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Signs							
	No abnormality	10/3	10/3	10/3	10/3	10/3		
50256	Alive : Male	9	9	9	9	9		
	Female	8	8	8	8	8		
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0		
	Signs							
	No abnormality	9/8	9/8	9/8	9/8	9/8		

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring		Dose : Triallyl Phosphate 1 mg/kg					Time : 1
Generation : F0							Species : Rat
Dam No.	Number of offspring	/Days after birth					
		0	1	2	3	4	
50258	Alive : Male	11	11	11	11	10	
	Female	4	4	4	4	4	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	11/4	11/4	11/4	11/4	10/4	
50260	Alive : Male	14	14	14	14	14	
	Female	5	5	5	5	5	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	14/5	14/5	14/5	14/5	14/5	
50261	Alive : Male	7	7	7	7	7	
	Female	8	8	8	8	8	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	7/8	7/8	7/8	7/8	7/8	
50262	Alive : Male	8	8	8	8	8	
	Female	9	9	9	9	8	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	8/9	8/9	8/9	8/9	8/8	

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0		Dose : Triallyl Phosphate 10 mg/kg					Time : 1
									Species : Rat
Dam No.	Number of offspring	/Days after birth							
		0	1	2	3	4			
50351	Alive : Male	2	2	2	2	2			
	Female	11	11	11	11	11			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs No abnormality	2/11	2/11	2/11	2/11	2/11			
50352	Alive : Male	6	6	6	6	6			
	Female	9	9	9	9	9			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs No abnormality	6/9	6/9	6/9	6/9	6/9			
50353	Alive : Male	11	11	11	11	11			
	Female	6	6	6	6	6			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs No abnormality	11/6	11/6	11/6	11/6	11/6			
50354	Alive : Male	6	6	6	6	6			
	Female	8	8	8	8	8			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs No abnormality	6/8	6/8	6/8	6/8	6/8			
50355	Alive : Male	8	8	8	8	8			
	Female	9	9	9	9	9			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs No abnormality	8/9	8/9	8/9	8/9	8/9			
50356	Alive : Male	9	9	9	9	9			
	Female	4	4	4	4	4			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs No abnormality	9/4	9/4	9/4	9/4	9/4			

(/) : Number of offspring Male/Female/Unable to be sexed

		Clinical sign of offspring Generation : F0		Dose : Triallyl Phosphate 10 mg/kg					Time : 1
									Species : Rat
Dam No.	Number of offspring	/Days after birth							
		0	1	2	3	4			
50357	Alive : Male	5	5	5	5	5			
	Female	10	10	10	10	10			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	5/10	5/10	5/10	5/10	5/10			
50358	Alive : Male	5	5	5	5	5			
	Female	10	10	10	10	10			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	5/10	5/10	5/10	5/10	5/10			
50359	Alive : Male	7	7	7	7	7			
	Female	7	7	7	7	7			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	7/7	7/7	7/7	7/7	7/7			
50360	Alive : Male	10	10	10	10	10			
	Female	9	9	9	9	9			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	10/9	10/9	10/9	10/9	10/9			
50361	Alive : Male	6	6	6	6	6			
	Female	11	11	11	11	11			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	6/11	6/11	6/11	6/11	6/11			
50362	Alive : Male	8	8	8	8	8			
	Female	6	6	6	6	6			
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0			
	Signs								
	No abnormality	8/6	8/6	8/6	8/6	8/6			

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring		Dose : Triallyl Phosphate 100 mg/kg					Time : 1
Generation : F0							Species : Rat
Dam No.	Number of offspring	/Days after birth					
		0	1	2	3	4	
50452	Alive : Male	13	13	13	13	13	
	Female	2	2	2	2	2	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	13/2	13/2	13/2	13/2	13/2	
50453	Alive : Male	4	4	4	4	4	
	Female	9	9	9	9	9	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	4/9	4/9	4/9	4/9	4/9	
50454	Alive : Male	10	10	10	10	9	
	Female	6	6	6	6	6	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	10/6	10/6	10/6	10/6	9/6	
50455	Alive : Male	10	10	10	10	10	
	Female	8	8	8	8	8	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	10/8	10/8	10/8	10/8	10/8	
50456	Alive : Male	6	6	6	6	6	
	Female	5	5	5	5	5	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	6/5	6/5	6/5	6/5	6/5	
50457	Alive : Male	9	9	9	9	9	
	Female	5	5	5	5	5	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	9/5	9/5	9/5	9/5	9/5	

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring		Dose : Triallyl Phosphate 100 mg/kg					Time : 1
Generation : F0							Species : Rat
Dam No.	Number of offspring	/Days after birth					
		0	1	2	3	4	
50458	Alive : Male	8	8	8	8	8	
	Female	8	8	8	8	8	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	8/8	8/8	8/8	8/8	8/8	
50459	Alive : Male	6	6	6	6	6	
	Female	11	11	11	11	11	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	6/11	6/11	6/11	6/11	6/11	
50460	Alive : Male	9	9	9	9	8	
	Female	7	7	7	7	7	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	8/7	9/7	9/7	9/7	8/7	
	Milk-band negative	1/0	0/0	0/0	0/0	0/0	
50461	Alive : Male	7	7	7	7	7	
	Female	6	6	6	6	6	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	7/6	7/6	7/6	7/6	7/6	
50462	Alive : Male	2	2	2	2	2	
	Female	9	9	9	9	9	
	Dead : Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	
	Signs						
	No abnormality	2/9	2/9	2/9	2/9	2/9	

(/) : Number of offspring Male/Female/Unable to be sexed

		Litter size and viability index of offspring			
		Generation : F0		Dose : Triallyl Phosphate 0 mg/kg	
		Species : Rat			
		/Days after birth			
Dam No.	Sex	0	0	4	4
		Male/Female	Viability index (%)	Male/Female	Viability index (%)
50151	Total	16 (10/6)	100.0	16 (10/6)	100.0
50152	Total	18 (9/9)	100.0	18 (9/9)	100.0
50153	Total	16 (7/9)	100.0	16 (7/9)	100.0
50154	Total	16 (10/6)	100.0	16 (10/6)	100.0
50155	Total	9 (6/3)	100.0	9 (6/3)	100.0
50156	Total	14 (4/10)	100.0	14 (4/10)	100.0
50157	Total	13 (8/5)	100.0	13 (8/5)	100.0
50158	Total	15 (8/7)	100.0	15 (8/7)	100.0
50159	Total	13 (8/5)	100.0	13 (8/5)	100.0
50160	Total	13 (7/6)	100.0	13 (7/6)	100.0
50161	Total	14 (5/9)	100.0	14 (5/9)	100.0
50162	Total	15 (9/6)	100.0	15 (9/6)	100.0
Total		172		172	
Male/Female		91/81		91/81	
n		12	12	12	12
Mean			100.00		100.00
S.D.			0.00		0.00

		Litter size and viability index of offspring			
		Generation : F0		Dose : Triallyl Phosphate 1 mg/kg	
		Species : Rat			
		/Days after birth			
Dam No.	Sex	0	0	4	4
		Male/Female	Viability index (%)	Male/Female	Viability index (%)
50251	Total	16 (9/7)	100.0	16 (9/7)	100.0
50252	Total	16 (12/4)	100.0	16 (12/4)	100.0
50253	Total	15 (8/7)	100.0	15 (8/7)	100.0
50254	Total	15 (10/5)	100.0	15 (10/5)	100.0
50255	Total	13 (10/3)	100.0	13 (10/3)	100.0
50256	Total	17 (9/8)	100.0	17 (9/8)	100.0
50258	Total	15 (11/4)	100.0	14 (10/4)	93.3
50260	Total	19 (14/5)	100.0	19 (14/5)	100.0
50261	Total	15 (7/8)	88.2	15 (7/8)	100.0
50262	Total	17 (8/9)	100.0	16 (8/8)	94.1
Total		158		156	
Male/Female		98/60		97/59	
n		10	10	10	10
Mean			98.82		98.74
S.D.			3.73		2.66

		Litter size and viability index of offspring			
		Generation : F0		Dose : Triallyl Phosphate 10 mg/kg	
		Species : Rat			
		/Days after birth			
Dam No.	Sex	0		4	
		Male/Female	Viability index (%)	Male/Female	Viability index (%)
50351	Total	13 (2/11)	100.0	13 (2/11)	100.0
50352	Total	15 (6/9)	100.0	15 (6/9)	100.0
50353	Total	17 (11/6)	100.0	17 (11/6)	100.0
50354	Total	14 (6/8)	100.0	14 (6/8)	100.0
50355	Total	17 (8/9)	100.0	17 (8/9)	100.0
50356	Total	13 (9/4)	100.0	13 (9/4)	100.0
50357	Total	15 (5/10)	93.8	15 (5/10)	100.0
50358	Total	15 (5/10)	100.0	15 (5/10)	100.0
50359	Total	14 (7/7)	100.0	14 (7/7)	100.0
50360	Total	19 (10/9)	100.0	19 (10/9)	100.0
50361	Total	17 (6/11)	100.0	17 (6/11)	100.0
50362	Total	14 (8/6)	100.0	14 (8/6)	100.0
Total		183		183	
Male/Female		83/100		83/100	
n		12	12	12	12
Mean			99.48		100.00
S.D.			1.79		0.00

		Litter size and viability index of offspring			
		Generation : F0		Dose : Triallyl Phosphate 100 mg/kg	
		Species : Rat			
		/Days after birth			
Dam No.	Sex	0		4	
		Male/Female	Viability index (%)	Male/Female	Viability index (%)
50452	Total	15 (13/2)	100.0	15 (13/2)	100.0
50453	Total	13 (4/9)	100.0	13 (4/9)	100.0
50454	Total	16 (10/6)	100.0	15 (9/6)	93.8
50455	Total	18 (10/8)	100.0	18 (10/8)	100.0
50456	Total	11 (6/5)	100.0	11 (6/5)	100.0
50457	Total	14 (9/5)	100.0	14 (9/5)	100.0
50458	Total	16 (8/8)	100.0	16 (8/8)	100.0
50459	Total	17 (6/11)	100.0	17 (6/11)	100.0
50460	Total	16 (9/7)	100.0	15 (8/7)	93.8
50461	Total	13 (7/6)	86.7	13 (7/6)	100.0
50462	Total	11 (2/9)	100.0	11 (2/9)	100.0
Total		160		158	
Male/Female		84/76		82/76	
n		11	11	11	11
Mean			98.79		98.87
S.D.			4.01		2.51

		Body weight of offspring Generation : F0				Dose : Triallyl Phosphate 0 mg/kg	Unit : g	Species : Rat
		/Days after birth						
		0		4				
Dam No.	Sex	n	B.W.	n	B.W.			
50151	Male	10	6.44	10	10.90			
	Female	6	6.33	6	10.48			
50152	Male	9	6.78	9	10.09			
	Female	9	6.56	9	9.63			
50153	Male	7	7.20	7	11.66			
	Female	9	7.01	9	11.01			
50154	Male	10	6.00	10	9.31			
	Female	6	5.33	6	8.37			
50155	Male	6	6.77	6	11.07			
	Female	3	6.33	3	10.23			
50156	Male	4	8.40	4	13.90			
	Female	10	7.80	10	13.60			
50157	Male	8	8.10	8	13.81			
	Female	5	7.66	5	12.94			
50158	Male	8	6.80	8	11.26			
	Female	7	6.24	7	10.20			
50159	Male	8	7.30	8	11.29			
	Female	5	7.20	5	11.38			
50160	Male	7	6.86	7	10.19			
	Female	6	6.28	6	9.48			
50161	Male	5	7.34	5	11.56			
	Female	9	6.63	9	11.03			
50162	Male	9	6.50	9	11.22			
	Female	6	6.42	6	10.58			
n	Male	91		91				
	Female	81		81				
Mean	Male		7.041		11.355			
	Female		6.649		10.744			
S.D.	Male		0.682		1.352			
	Female		0.680		1.436			

		Body weight of offspring Generation : F0				Dose : Triallyl Phosphate 1 mg/kg	Unit : g	Species : Rat
		/Days after birth						
		0		4				
Dam No.	Sex	n	B.W.	n	B.W.			
50251	Male	9	6.78	9	11.23			
	Female	7	6.77	7	11.39			
50252	Male	12	6.35	12	10.10			
	Female	4	6.18	4	9.35			
50253	Male	8	6.49	8	10.65			
	Female	7	6.13	7	9.94			
50254	Male	10	7.48	10	11.84			
	Female	5	7.06	5	10.78			
50255	Male	10	7.46	10	13.13			
	Female	3	6.87	3	11.90			
50256	Male	9	6.17	9	10.33			
	Female	8	5.81	8	9.76			
50258	Male	11	6.22	10	9.07			
	Female	4	6.38	4	9.40			
50260	Male	14	6.23	14	10.52			
	Female	5	5.88	5	9.72			
50261	Male	7	6.57	7	11.89			
	Female	8	6.01	8	10.40			
50262	Male	8	6.74	8	11.14			
	Female	9	5.88	8	10.03			
n	Male	98		97				
	Female	60		59				
Mean	Male		6.649		10.990			
	Female		6.297		10.267			
S.D.	Male		0.481		1.128			
	Female		0.453		0.851			

		Body weight of offspring Generation : F0				Dose : Triallyl Phosphate 10 mg/kg	Unit : g	Species : Rat
		/Days after birth						
		0		4				
Dam No.	Sex	n	B.W.	n	B.W.			
50351	Male	2	6.35	2	10.90			
	Female	11	6.11	11	10.35			
50352	Male	6	6.65	6	10.42			
	Female	9	6.28	9	10.09			
50353	Male	11	6.10	11	9.96			
	Female	6	5.58	6	9.25			
50354	Male	6	6.93	6	11.73			
	Female	8	6.49	8	10.75			
50355	Male	8	6.81	8	10.54			
	Female	9	6.48	9	10.12			
50356	Male	9	7.09	9	11.92			
	Female	4	6.58	4	11.55			
50357	Male	5	7.80	5	13.72			
	Female	10	7.03	10	12.14			
50358	Male	5	6.30	5	9.98			
	Female	10	5.82	10	9.28			
50359	Male	7	6.94	7	11.07			
	Female	7	6.36	7	10.76			
50360	Male	10	6.14	10	9.21			
	Female	9	5.91	9	9.27			
50361	Male	6	6.78	6	9.90			
	Female	11	6.35	11	9.68			
50362	Male	8	6.38	8	10.84			
	Female	6	6.05	6	9.92			
n	Male	83		83				
	Female	100		100				
Mean	Male		6.689		10.849			
	Female		6.253		10.263			
S.D.	Male		0.482		1.192			
	Female		0.388		0.912			

		Body weight of offspring Generation : F0				Dose : Triallyl Phosphate 100 mg/kg	Unit : g	Species : Rat
		0 /Days after birth		4				
Dam No.	Sex	n	B.W.	n	B.W.			
50452	Male	13	6.04	13	9.15			
	Female	2	5.70	2	8.80			
50453	Male	4	6.35	4	10.33			
	Female	9	5.88	9	9.81			
50454	Male	10	6.49	9	10.14			
	Female	6	6.80	6	10.40			
50455	Male	10	6.32	10	9.81			
	Female	8	5.96	8	8.80			
50456	Male	6	7.03	6	12.07			
	Female	5	6.56	5	11.08			
50457	Male	9	6.99	9	9.38			
	Female	5	6.68	5	8.66			
50458	Male	8	7.03	8	9.51			
	Female	8	6.63	8	9.28			
50459	Male	6	6.00	6	8.15			
	Female	11	5.63	11	8.00			
50460	Male	9	6.17	8	10.29			
	Female	7	5.80	7	9.10			
50461	Male	7	7.23	7	10.97			
	Female	6	6.83	6	10.35			
50462	Male	2	8.15	2	12.90			
	Female	9	7.12	9	10.69			
n	Male	84		82				
	Female	76		76				
Mean	Male		6.709		10.245			
	Female		6.326		9.543			
S.D.	Male		0.648		1.341			
	Female		0.535		0.983			

Necropsy findings of offspring		Dose : Triallyl Phosphate 0 mg/kg		Species : Rat	
Generation : F0					
Dam No.	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings	
50151	16	Absent	0		
50152	18	Absent	0		
50153	16	Absent	0		
50154	16	Absent	0		
50155	9	Absent	0		
50156	14	Absent	0		
50157	13	Absent	0		
50158	15	Absent	0		
50159	13	Absent	0		
50160	13	Absent	0		
50161	14	Absent	0		
50162	15	Absent	0		
Total	172		0		
n	12		0		

Necropsy findings of offspring			Dose : Triallyl Phosphate 1 mg/kg		Species : Rat
Generation : F0					
Dam No.	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings	
50251	16	Absent	0		
50252	16	Absent	0		
50253	15	Absent	0		
50254	15	Absent	0		
50255	13	Absent	0		
50256	17	Absent	0		
50258	14	Absent	0		
50260	19	Absent	0		
50261	15	Absent	2	Absent (Day 0)	
50262	16	Absent	1	Absent (Day 4)	
Total	156		3		
n	10		2		

Necropsy findings of offspring			Dose : Triallyl Phosphate 10 mg/kg		Species : Rat
Generation : F0					
Dam No.	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings	
50351	13	Absent	0		
50352	15	Absent	0		
50353	17	Absent	0		
50354	14	Absent	0		
50355	17	Absent	0		
50356	13	Absent	0		
50357	15	Absent	1	Absent (Day 0)	
50358	15	Absent	0		
50359	14	Absent	0		
50360	19	Absent	0		
50361	17	Absent	0		
50362	14	Absent	0		
Total	183		1		
n	12		1		

Necropsy findings of offspring			Dose : Triallyl Phosphate 100 mg/kg		Species : Rat
Generation : F0					
Dam No.	Number of live offspring examined on Day 4	/Findings	Number of dead offspring examined on Day 0-4	/Findings	
50452	15	Absent	0		
50453	13	Absent	0		
50454	15	Absent	0		
50455	18	Absent	0		
50456	11	Absent	0		
50457	14	Absent	0		
50458	16	Absent	0		
50459	17	Absent	0		
50460	15	Absent	0		
50461	13	Absent	2	Absent (Day 0)	
50462	11	Absent	0		
Total	158		2		
n	11		1		