

**Experiment Number:** 20712 - 01  
**Test Type:** 90 DAY W/PN EXP  
**Route:** DOSED FEED  
**Species/Strain:** RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

**CAS Number:** 13674-84-5

**Date Report Requested:** 03/15/2021

**Time Report Requested:** 16:00:15

**First Dose M/F:** 09/13/09 / 09/14/09

**Lab:** BAT

Custom Report with Litter-Based Statistics (20000 ppm males excluded)

**NTP Study Number:**

C20712

**Lock Date:**

04/12/2011

**Cage Range:**

ALL

**Date Range:**

ALL

**Reasons For Removal:**

ALL

**Removal Date Range:**

ALL

**Treatment Groups:**

Include 001 0 ppm

Include 002 0 ppm

Include 003 2500 ppm

Include 004 2500 ppm

Include 005 5000 ppm

Include 006 5000 ppm

Include 007 10000 ppm

Include 008 10000 ppm

Include 010 20000 ppm

**Study Gender:**

Both

**TDMSE Version:**

2.5.0.0\_SFH

**PWG Approval Date:**

NONE

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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF TRIS(CHLOROPROPYL)PHOSPHATE**

**MALE RATS**

**Organ**

Liver: Bile Duct

Lung

**FEMALE RATS**

**Organ**

Liver: Bile Duct

Lymph Node, Mandibular: Lymphocyte

Lymph Node, Mesenteric: Lymphocyte

Spleen

**Morphology**

Hyperplasia

Inflammation Chronic

**Morphology**

Hyperplasia

Depletion

Depletion

Pigmentation Hemosiderin

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	P=0.500N

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Blood Vessel: Aorta</b>				
<b>Mineralization</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Harderian Gland</b>				
<b>Infiltration Cellular Lymphohistiocytic</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	4/10 (40%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
<b>LITTERS (b)</b>	3/5 (60%)	0/0 (0%)	0/0 (0%)	4/5 (80%)
<b>POLY-3 RATE (c)</b>	4/10.00	0/0.00	0/0.00	4/10.00
<b>POLY-3 PERCENT (g)</b>	40%	0%	0%	40%
<b>TERMINAL (d)</b>	4/10 (40%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
<b>FIRST INCIDENCE</b>	95 (T)	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
<b>COCH-ARM / FISHERS</b>	P=0.590	(e)	(e)	P=0.675
<b>RAO-SCOTT</b>	P=0.694	(e)	(e)	P=0.694
<b>LITTER C-A/FISHERS</b>	P=0.500	(e)	(e)	P=0.500

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Intestine Small, Duodenum Ectopic Tissue</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Kidney</b>				
Accumulation, Hyaline Droplet				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Kidney</b>				
<b>Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/10 (80%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
LITTERS (b)	5/5 (100%)	0/0 (0%)	0/0 (0%)	4/5 (80%)
POLY-3 RATE (c)	8/10.00	0/0.00	0/0.00	5/10.00
POLY-3 PERCENT (g)	80%	0%	0%	50%
TERMINAL (d)	8/10 (80%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
FIRST INCIDENCE	95 (T)	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.121N	(e)	(e)	P=0.175N
RAO-SCOTT	P=0.186N	(e)	(e)	P=0.186N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	P=0.500N

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Kidney: Pelvis Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	95 (T)	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.645	(e)	(e)	P=0.763
RAO-SCOTT	P=0.784	(e)	(e)	P=0.784
LITTER C-A/FISHERS	P=0.785	(e)	(e)	P=0.778

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Kidney: Renal Tubule</b>				
<b>Calculus Micro Observation Only</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	2/5 (40%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.132	(e)	(e)	P=0.237
RAO-SCOTT	P=0.333	(e)	(e)	P=0.333
LITTER C-A/FISHERS	P=0.215	(e)	(e)	P=0.222

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TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Liver</b>				
<b>Infiltration Cellular Mixed Cell</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
<b>LITTERS (b)</b>	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
<b>POLY-3 RATE (c)</b>	0/10.00	0/10.00	1/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	10%	0%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	---	---	95 (T)	---
<b>STATISTICAL TESTS</b>				
<b>COCH-ARM / FISHERS</b>	P=0.696	(e)	P=0.500	(e)
<b>RAO-SCOTT</b>	P=0.783	(e)	P=0.725	(e)
<b>LITTER C-A/FISHERS</b>	P=0.699	(e)	P=0.500	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
<b>LITTERS (b)</b>	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
<b>POLY-3 RATE (c)</b>	0/10.00	0/10.00	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	0%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	---	---	---	---
<b>STATISTICAL TESTS</b>				
<b>COCH-ARM / FISHERS</b>	(n)	(e)	(e)	(e)
<b>RAO-SCOTT</b>	(n)	(e)	(e)	(e)
<b>LITTER C-A/FISHERS</b>	(n)	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<hr/>				
Liver Pigmentation Hemosiderin				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<hr/>				
Liver: Bile Duct Hyperplasia				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	5/5 (100%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	95 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
RAO-SCOTT	P<0.001**	(e)	(e)	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	P=0.004**

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<hr/>				
Liver: Capsule Fibrosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
Lung Hemorrhage				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	95 (T)	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.645	(e)	(e)	P=0.763
RAO-SCOTT	P=0.784	(e)	(e)	P=0.784
LITTER C-A/FISHERS	P=0.785	(e)	(e)	P=0.778

Experiment Number: 20712 - 01  
Test Type: 90 DAY W/PN EXP  
Route: DOSED FEED  
Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tris(Chloropropyl)phosphate  
CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
Time Report Requested: 16:00:15  
First Dose M/F: 09/13/09 / 09/14/09  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Lung Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	P=0.500N

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Lung Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	4/5 (80%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.025*	(e)	(e)	P=0.043*
RAO-SCOTT	P=0.047*	(e)	(e)	P=0.047*
LITTER C-A/FISHERS	P=0.026*	(e)	(e)	P=0.024*

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Lung: Alveolus Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	95 (T)	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.645	(e)	(e)	P=0.763
RAO-SCOTT	P=0.784	(e)	(e)	P=0.784
LITTER C-A/FISHERS	P=0.785	(e)	(e)	P=0.778

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 03/15/2021

Time Report Requested: 16:00:15

First Dose M/F: 09/13/09 / 09/14/09

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Lymph Node, Mandibular: Lymphocyte Depletion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	1/5 (20%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.196	(e)	(e)	P=0.500
RAO-SCOTT	P=0.404	(e)	(e)	P=0.725
LITTER C-A/FISHERS	P=0.193	(e)	(e)	P=0.500

Experiment Number: 20712 - 01  
Test Type: 90 DAY W/PN EXP  
Route: DOSED FEED  
Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tris(Chloropropyl)phosphate  
CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
Time Report Requested: 16:00:15  
First Dose M/F: 09/13/09 / 09/14/09  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Lymph Node, Mesenteric: Lymphocyte Depletion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 03/15/2021

Time Report Requested: 16:00:15

First Dose M/F: 09/13/09 / 09/14/09

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Pancreas: Acinus Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	P=0.500N

Experiment Number: 20712 - 01  
Test Type: 90 DAY W/PN EXP  
Route: DOSED FEED  
Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tris(Chloropropyl)phosphate  
CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
Time Report Requested: 16:00:15  
First Dose M/F: 09/13/09 / 09/14/09  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Pituitary Gland: Pars Distalis Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

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Experiment Number: 20712 - 01  
Test Type: 90 DAY W/PN EXP  
Route: DOSED FEED  
Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 03/15/2021

Time Report Requested: 16:00:15

First Dose M/F: 09/13/09 / 09/14/09

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Preputial Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
LITTERS (b)	4/5 (80%)	0/0 (0%)	0/0 (0%)	2/5 (40%)
POLY-3 RATE (c)	5/10.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	50%	0%	0%	20%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	95 (T)	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.121N	(e)	(e)	P=0.175N
RAO-SCOTT	P=0.186N	(e)	(e)	P=0.186N
LITTER C-A/FISHERS	P=0.259N	(e)	(e)	P=0.262N

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Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Prostate Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	P=0.304	(e)	(e)	P=0.500
RAO-SCOTT	P=0.675	(e)	(e)	P=0.675
LITTER C-A/FISHERS	P=0.500	(e)	(e)	P=0.500

Experiment Number: 20712 - 01  
Test Type: 90 DAY W/PN EXP  
Route: DOSED FEED  
Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 03/15/2021

Time Report Requested: 16:00:15

First Dose M/F: 09/13/09 / 09/14/09

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Spleen</b>				
<b>Pigmentation Hemosiderin</b>				
<hr/>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
<b>LITTERS (b)</b>	1/5 (20%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
<b>POLY-3 RATE (c)</b>	1/10.00	0/10.00	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	10%	0%	0%	0%
<b>TERMINAL (d)</b>	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	95 (T)	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
<b>COCH-ARM / FISHERS</b>	P=0.304N	P=0.500N	P=0.500N	P=0.500N
<b>RAO-SCOTT</b>	P=0.505N	P=0.725N	P=0.725N	P=0.725N
<b>LITTER C-A/FISHERS</b>	P=0.301N	P=0.500N	P=0.500N	P=0.500N

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Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 ppm	2500 ppm	5000 ppm	10000 ppm
<b>Thymus: Lymphocyte Depletion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Adrenal Cortex Hypertrophy</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 03/15/2021

Time Report Requested: 16:00:15

First Dose M/F: 09/13/09 / 09/14/09

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Blood Vessel: Aorta</b>					
<b>Mineralization</b>					
<b>LESION RATES</b>					
<b>OVERALL (a)</b>	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
<b>LITTERS (b)</b>	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)
<b>POLY-3 RATE (c)</b>	0/10.00	0/0.00	0/0.00	0/0.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	0%	10%
<b>TERMINAL (d)</b>	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
<b>FIRST INCIDENCE</b>	---	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>					
<b>COCH-ARM / FISHERS</b>	P=0.304	(e)	(e)	(e)	P=0.500
<b>RAO-SCOTT</b>	P=0.675	(e)	(e)	(e)	P=0.675
<b>LITTER C-A/FISHERS</b>	P=0.500	(e)	(e)	(e)	P=0.500

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Harderian Gland</b>					
<b>Infiltration Cellular Lymphohistiocytic</b>					
<b>LESION RATES</b>					
<b>OVERALL (a)</b>	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
<b>LITTERS (b)</b>	2/5 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
<b>POLY-3 RATE (c)</b>	2/10.00	0/0.00	0/0.00	0/0.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	20%	0%	0%	0%	0%
<b>TERMINAL (d)</b>	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	95 (T)	---	---	---	---
<b>STATISTICAL TESTS</b>					
<b>COCH-ARM / FISHERS</b>	P=0.132N	(e)	(e)	(e)	P=0.237N
<b>RAO-SCOTT</b>	P=0.333N	(e)	(e)	(e)	P=0.333N
<b>LITTER C-A/FISHERS</b>	P=0.215N	(e)	(e)	(e)	P=0.222N

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Heart</b>					
<b>Cardiomyopathy</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)



Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Intestine Small, Duodenum Ectopic Tissue</b>					
<b>LESION RATES</b>					
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	(e)	P=0.500N

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Kidney</b>					
Accumulation, Hyaline Droplet					
<b>LESION RATES</b>					
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	(e)	P=0.500N

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Kidney Nephropathy</b>					
<b>LESION RATES</b>					
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
LITTERS (b)	2/5 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/5 (40%)
POLY-3 RATE (c)	2/10.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	20%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	95 (T)	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.610	(e)	(e)	(e)	P=0.709
RAO-SCOTT	P=0.712	(e)	(e)	(e)	P=0.712
LITTER C-A/FISHERS	P=0.741	(e)	(e)	(e)	P=0.738

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Kidney: Pelvis Dilatation</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Kidney: Renal Tubule Calculus Micro Observation Only</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Liver</b>					
<b>Infiltration Cellular Mixed Cell</b>					
<b>LESION RATES</b>					
<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
<b>LITTERS (b)</b>	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
<b>POLY-3 RATE (c)</b>	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	0%	0%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
<b>COCH-ARM / FISHERS</b>	(n)	(e)	(e)	(e)	(e)
<b>RAO-SCOTT</b>	(n)	(e)	(e)	(e)	(e)
<b>LITTER C-A/FISHERS</b>	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Liver</b>					
<b>Inflammation Chronic</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	1/5 (20%)	0/5 (0%)	0/5 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	95 (T)	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.500N	P=0.500	(e)	(e)	(e)
RAO-SCOTT	P=0.668N	P=0.734	(e)	(e)	(e)
LITTER C-A/FISHERS	P=0.500N	P=0.500	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Liver</b>					
<b>Pigmentation Hemosiderin</b>					
<b>LESION RATES</b>					
<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
<b>LITTERS (b)</b>	0/5 (0%)	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
<b>POLY-3 RATE (c)</b>	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%	0%	10%	0%
<b>TERMINAL (d)</b>	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
<b>FIRST INCIDENCE</b>	---	---	---	95 (T)	---
<b>STATISTICAL TESTS</b>					
<b>COCH-ARM / FISHERS</b>	P=0.640	(e)	(e)	P=0.500	(e)
<b>RAO-SCOTT</b>	P=0.758	(e)	(e)	P=0.734	(e)
<b>LITTER C-A/FISHERS</b>	P=0.641	(e)	(e)	P=0.500	(e)



Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Liver: Bile Duct Hyperplasia</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	5/10 (50%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	3/5 (60%)	3/5 (60%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	4/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	40%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	5/10 (50%)
FIRST INCIDENCE	---	---	---	95 (T)	95 (T)
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.043*	P=0.016*
RAO-SCOTT	P=0.006**	(e)	(e)	P=0.171	P=0.103
LITTER C-A/FISHERS	P=0.004**	(e)	(e)	P=0.083	P=0.083

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Liver: Capsule Fibrosis</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	1/5 (20%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	95 (T)	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.640	(e)	(e)	P=0.500	(e)
RAO-SCOTT	P=0.758	(e)	(e)	P=0.734	(e)
LITTER C-A/FISHERS	P=0.641	(e)	(e)	P=0.500	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
Lung Hemorrhage					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
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Date Report Requested: 03/15/2021  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Lung</b>					
<b>Inflammation Acute</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Lung</b>					
<b>Inflammation Chronic</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
 Time Report Requested: 16:00:15  
 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Lung: Alveolus Infiltration Cellular Histiocyte</b>					
<b>LESION RATES</b>					
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	2/5 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	2/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	P=0.237N
RAO-SCOTT	P=0.333N	(e)	(e)	(e)	P=0.333N
LITTER C-A/FISHERS	P=0.215N	(e)	(e)	(e)	P=0.222N

Experiment Number: 20712 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 03/15/2021

Time Report Requested: 16:00:15

First Dose M/F: 09/13/09 / 09/14/09

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Lymph Node, Mandibular: Lymphocyte Depletion</b>					
<b>LESION RATES</b>					
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)
LITTERS (b)	1/5 (20%)	0/5 (0%)	0/5 (0%)	1/5 (20%)	5/5 (100%)
POLY-3 RATE (c)	1/10.00	0/10.00	0/10.00	1/10.00	6/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%	60%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)
FIRST INCIDENCE	95 (T)	---	---	95 (T)	95 (T)
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.500N	P=0.763	P=0.029*
RAO-SCOTT	P<0.001**	P=0.500N	P=0.500N	P=0.772	P=0.030*
LITTER C-A/FISHERS	P<0.001**	P=0.500N	P=0.500N	P=0.778	P=0.024*

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Lymph Node, Mesenteric: Lymphocyte Depletion</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)	3/5 (60%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	0/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.043*
RAO-SCOTT	P=0.011*	(e)	(e)	(e)	P=0.171
LITTER C-A/FISHERS	P=0.002**	(e)	(e)	(e)	P=0.083



Experiment Number: 20712 - 01  
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 Species/Strain: RATS/HSD

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 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
Ovary Cyst					
<b>LESION RATES</b>					
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	(e)	P=0.500N

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

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 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Pancreas: Acinus Atrophy</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	0/5 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	(n)	(e)	(e)	(e)	(e)
RAO-SCOTT	(n)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(n)	(e)	(e)	(e)	(e)

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 03/15/2021  
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 First Dose M/F: 09/13/09 / 09/14/09  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Pituitary Gland: Pars Distalis Cyst</b>					
<b>LESION RATES</b>					
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
LITTERS (b)	1/5 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)
POLY-3 RATE (c)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95 (T)	---	---	---	---
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	P=0.500N
RAO-SCOTT	P=0.675N	(e)	(e)	(e)	P=0.675N
LITTER C-A/FISHERS	P=0.500N	(e)	(e)	(e)	P=0.500N

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

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Date Report Requested: 03/15/2021  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Spleen</b>					
<b>Pigmentation Hemosiderin</b>					
<b>LESION RATES</b>					
OVERALL (a)	9/10 (90%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
LITTERS (b)	5/5 (100%)	0/5 (0%)	0/5 (0%)	0/5 (0%)	5/5 (100%)
POLY-3 RATE (c)	9/10.00	0/10.00	0/10.00	0/10.00	9/10.00
POLY-3 PERCENT (g)	90%	0%	0%	0%	90%
TERMINAL (d)	9/10 (90%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
FIRST INCIDENCE	95 (T)	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.048*	P<0.001N**	P<0.001N**	P<0.001N**	P=0.763
RAO-SCOTT	P=0.048*	P<0.001N**	P<0.001N**	P<0.001N**	P=0.772
LITTER C-A/FISHERS	P=0.124	P=0.004N**	P=0.004N**	P=0.004N**	P=1.000

Experiment Number: 20712 - 01  
 Test Type: 90 DAY W/PN EXP  
 Route: DOSED FEED  
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females				
	0 ppm	2500 ppm	5000 ppm	10000 ppm	20000 ppm
<b>Thymus: Lymphocyte Depletion</b>					
<b>LESION RATES</b>					
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
LITTERS (b)	0/5 (0%)	0/5 (0%)	0/5 (0%)	0/5 (0%)	1/5 (20%)
POLY-3 RATE (c)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	95 (T)
<b>STATISTICAL TESTS</b>					
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
RAO-SCOTT	P=0.360	(e)	(e)	(e)	P=0.734
LITTER C-A/FISHERS	P=0.140	(e)	(e)	(e)	P=0.500

Experiment Number: 20712 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

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Lab: BAT

**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of litters with tumor-bearing animals/number of litters examined at site
  - (c) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (n) No statistics are calculated if there are no tumors in any dose groups.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.  
The Rao-Scott statistic performs the Cochran-Armitage test with an adjustment for within-litter correlation. No survival adjustments are included.  
The Litter C-A/Fishers statistic compares directly the litter incidence rates.  
The 20000 ppm male group was excluded from the report since all animals were removed by study day 5.

\*\*\* END OF REPORT \*\*\*