

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

Custom Report with Litter-Based Statistics

NTP Study Number: C20712
Lock Date: 04/09/2018
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.5.0.0_sfh
PWG Approval Date: NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF TRIS(CHLOROPROPYL)PHOSPHATE

MALE RATS

Organ

Adrenal Cortex
Adrenal Medulla
Blood Vessel
Bone Marrow

Bone
Eye: Cornea
Heart
Intestine Large, Rectum
Liver

Liver: Bile Duct

Lung
Pancreas
Pancreas: Acinus
Pituitary Gland: Pars Distalis
Prostate: Epithelium
Testis
Testis: Germinal Epithelium
Thyroid Gland: C-Cell

FEMALE RATS

Organ

Adrenal Cortex

Adrenal Medulla
Kidney

Morphology

Hypertrophy Focal
Hyperplasia Focal
Mineral
Hemorrhage
Hypercellularity
Increased Bone
Inflammation Acute
Mineral
Parasite Metazoan
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Mixed Cell Focus
Pigment
Cyst
Hyperplasia
Inflammation Focal Granulomatous
Polyarteritis Nodosa
Atrophy
Hyperplasia
Hyperplasia
Polyarteritis Nodosa
Degeneration
Hyperplasia

Morphology

Angiectasis
Hypertrophy Focal
Hyperplasia Focal
Inflammation
Nephropathy Chronic Progressive

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Liver	Eosinophilic Focus
	Mixed Cell Focus
	Pigment
Liver: Bile Duct	Cyst
	Hyperplasia
Liver: Hepatocyte	Cytoplasmic Alteration
Lymph Node: Axillary	Hyperplasia
Mammary Gland	Hyperplasia
Nose	Inflammation Acute
Ovary	Atrophy
Pancreas: Acinus	Atrophy
Thymus	Ectopic Tissue Parathyroid Gland
Thyroid Gland: C-Cell	Hyperplasia
Uterus	Cyst
	Squamous Metaplasia
Uterus: Cervix	Inflammation

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Cortex					
Angiectasis					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	1/43.71	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	2.3%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	721	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Cortex					
Degeneration Cystic					
LESION RATES					
OVERALL (a)	4/50 (8%)	7/50 (14%)	4/50 (8%)	5/50 (10%)	3/50 (6%)
LITTERS (b)	4/25 (16%)	7/25 (28%)	4/25 (16%)	5/25 (20%)	3/25 (12%)
POLY-3 RATE (c)	4/38.54	7/44.08	4/45.39	5/44.32	3/44.90
POLY-3 PERCENT (g)	10.4%	15.9%	8.8%	11.3%	6.7%
TERMINAL (d)	4/25 (16%)	6/34 (18%)	4/34 (12%)	4/37 (11%)	2/31 (7%)
FIRST INCIDENCE	729 (T)	616	729 (T)	691	635
STATISTICAL TESTS					
POLY 3	P=0.210N	P=0.342	P=0.551N	P=0.587	P=0.417N
POLY 1.5	P=0.231N	P=0.308	P=0.589N	P=0.544	P=0.448N
POLY 6	P=0.191N	P=0.389	P=0.504N	P=0.629N	P=0.382N
RAO-SCOTT	P=0.218N	P=0.328	P=0.531N	P=0.567	P=0.397N
LITTER C-A/FISHERS	P=0.257N	P=0.248	P=0.649	P=0.500	P=0.500N

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Cortex					
Hyperplasia Focal					
LESION RATES					
OVERALL (a)	5/50 (10%)	12/50 (24%)	11/50 (22%)	8/50 (16%)	8/50 (16%)
LITTERS (b)	5/25 (20%)	11/25 (44%)	11/25 (44%)	8/25 (32%)	7/25 (28%)
POLY-3 RATE (c)	5/38.84	12/44.47	11/46.47	8/44.32	8/44.56
POLY-3 PERCENT (g)	12.9%	27%	23.7%	18.1%	18%
TERMINAL (d)	4/25 (16%)	10/34 (29%)	8/34 (24%)	7/37 (19%)	8/31 (26%)
FIRST INCIDENCE	647	588	566	691	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.397N	P=0.091	P=0.160	P=0.365	P=0.369
POLY 1.5	P=0.433N	P=0.074	P=0.126	P=0.320	P=0.334
POLY 6	P=0.367N	P=0.120	P=0.211	P=0.432	P=0.408
RAO-SCOTT	P=0.427N	P=0.093	P=0.159	P=0.354	P=0.358
LITTER C-A/FISHERS	P=0.420N	P=0.064	P=0.064	P=0.260	P=0.371

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Cortex					
Hypertrophy Focal					
LESION RATES					
OVERALL (a)	15/50 (30%)	14/50 (28%)	19/50 (38%)	11/50 (22%)	13/50 (26%)
LITTERS (b)	15/25 (60%)	14/25 (56%)	16/25 (64%)	8/25 (32%)	11/25 (44%)
POLY-3 RATE (c)	15/40.27	14/44.90	19/46.14	11/44.32	13/45.60
POLY-3 PERCENT (g)	37.3%	31.2%	41.2%	24.8%	28.5%
TERMINAL (d)	11/25 (44%)	12/34 (35%)	17/34 (50%)	10/37 (27%)	8/31 (26%)
FIRST INCIDENCE	592	414	565	691	635
STATISTICAL TESTS					
POLY 3	P=0.166N	P=0.358N	P=0.439	P=0.156N	P=0.262N
POLY 1.5	P=0.194N	P=0.409N	P=0.366	P=0.198N	P=0.314N
POLY 6	P=0.141N	P=0.301N	P=0.526	P=0.110N	P=0.211N
RAO-SCOTT	P=0.172N	P=0.353N	P=0.433	P=0.158N	P=0.261N
LITTER C-A/FISHERS	P=0.064N	P=0.500N	P=0.500	P=0.044N*	P=0.198N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Cortex Necrosis					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	1/38.56	1/43.68	1/45.91	0/44.17	1/44.74
POLY-3 PERCENT (g)	2.6%	2.3%	2.2%	0%	2.2%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	725	729 (T)	571	---	682
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Cortex: Bilateral Hypertrophy Focal					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Adrenal Medulla Hyperplasia Focal					
LESION RATES					
OVERALL (a)	15/50 (30%)	25/50 (50%)	19/50 (38%)	14/50 (28%)	7/50 (14%)
LITTERS (b)	11/25 (44%)	18/25 (72%)	16/25 (64%)	12/25 (48%)	6/25 (24%)
POLY-3 RATE (c)	15/40.62	25/45.33	19/46.16	14/44.59	7/44.71
POLY-3 PERCENT (g)	36.9%	55.2%	41.2%	31.4%	15.7%
TERMINAL (d)	10/25 (40%)	19/34 (56%)	15/34 (44%)	12/37 (32%)	6/31 (19%)
FIRST INCIDENCE	521	554	565	614	690
STATISTICAL TESTS					
POLY 3	P<0.001N**	P=0.064	P=0.427	P=0.378N	P=0.020N*
POLY 1.5	P<0.001N**	P=0.048*	P=0.359	P=0.440N	P=0.027N*
POLY 6	P<0.001N**	P=0.095	P=0.510	P=0.297N	P=0.015N*
RAO-SCOTT	P<0.001N**	P=0.079	P=0.427	P=0.380N	P=0.028N*
LITTER C-A/FISHERS	P=0.005N**	P=0.042*	P=0.128	P=0.500	P=0.116N

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Blood Vessel Degeneration Hyaline					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/39.68	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	5%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	547	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.176N	P=0.216N	P=0.208N	P=0.214N	P=0.212N
POLY 1.5	P=0.169N	P=0.224N	P=0.219N	P=0.225N	P=0.221N
POLY 6	P=0.185N	P=0.206N	P=0.196N	P=0.199N	P=0.203N
RAO-SCOTT	P=0.295N	P=0.377N	P=0.374N	P=0.376N	P=0.376N
LITTER C-A/FISHERS	P=0.157N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Blood Vessel					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	2/25 (8%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	1/38.54	0/43.68	2/45.39	2/44.17	0/44.56
POLY-3 PERCENT (g)	2.6%	0%	4.4%	4.5%	0%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	2/34 (6%)	2/37 (5%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.405N	P=0.475N	P=0.557	P=0.547	P=0.471N
POLY 1.5	P=0.416N	P=0.485N	P=0.534	P=0.524	P=0.482N
POLY 6	P=0.398N	P=0.462N	P=0.584	P=0.579	P=0.459N
RAO-SCOTT	P=0.447N	P=0.521N	P=0.577	P=0.566	P=0.521N
LITTER C-A/FISHERS	P=0.436N	P=0.500N	P=0.500	P=0.500	P=0.500N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Blood Vessel					
Mineral					
LESION RATES					
OVERALL (a)	6/50 (12%)	8/50 (16%)	5/50 (10%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	5/25 (20%)	8/25 (32%)	5/25 (20%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	6/41.04	8/45.54	5/45.56	2/44.23	2/44.56
POLY-3 PERCENT (g)	14.6%	17.6%	11%	4.5%	4.5%
TERMINAL (d)	0/25 (0%)	3/34 (9%)	3/34 (9%)	1/37 (3%)	2/31 (7%)
FIRST INCIDENCE	483	414	696	713	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.021N*	P=0.468	P=0.427N	P=0.109N	P=0.107N
POLY 1.5	P=0.023N*	P=0.438	P=0.454N	P=0.121N	P=0.115N
POLY 6	P=0.020N*	P=0.506	P=0.396N	P=0.094N	P=0.100N
RAO-SCOTT	P=0.032N*	P=0.472	P=0.434N	P=0.130N	P=0.128N
LITTER C-A/FISHERS	P=0.034N*	P=0.260	P=0.637	P=0.209N	P=0.209N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Bone Marrow Hemorrhage					
LESION RATES					
OVERALL (a)	6/50 (12%)	6/50 (12%)	2/50 (4%)	6/50 (12%)	1/50 (2%)
LITTERS (b)	5/25 (20%)	5/25 (20%)	2/25 (8%)	4/25 (16%)	1/25 (4%)
POLY-3 RATE (c)	6/40.91	6/44.72	2/46.56	6/44.57	1/45.07
POLY-3 PERCENT (g)	14.7%	13.4%	4.3%	13.5%	2.2%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	0/34 (0%)	4/37 (11%)	0/31 (0%)
FIRST INCIDENCE	547	554	270	636	574
STATISTICAL TESTS					
POLY 3	P=0.053N	P=0.557N	P=0.095N	P=0.560N	P=0.041N*
POLY 1.5	P=0.056N	P=0.581N	P=0.107N	P=0.591N	P=0.046N*
POLY 6	P=0.053N	P=0.527N	P=0.083N	P=0.516N	P=0.037N*
RAO-SCOTT	P=0.105N	P=0.579N	P=0.173N	P=0.580N	P=0.102N
LITTER C-A/FISHERS	P=0.070N	P=0.637	P=0.209N	P=0.500N	P=0.095N

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Bone Marrow					
Hypercellularity					
LESION RATES					
OVERALL (a)	21/50 (42%)	15/50 (30%)	15/50 (30%)	12/50 (24%)	16/50 (32%)
LITTERS (b)	16/25 (64%)	11/25 (44%)	13/25 (52%)	11/25 (44%)	14/25 (56%)
POLY-3 RATE (c)	21/44.24	15/46.31	15/48.23	12/46.28	16/46.47
POLY-3 PERCENT (g)	47.5%	32.4%	31.1%	25.9%	34.4%
TERMINAL (d)	9/25 (36%)	7/34 (21%)	6/34 (18%)	9/37 (24%)	8/31 (26%)
FIRST INCIDENCE	239	414	270	171	597
STATISTICAL TESTS					
POLY 3	P=0.230N	P=0.102N	P=0.078N	P=0.025N*	P=0.144N
POLY 1.5	P=0.237N	P=0.118N	P=0.101N	P=0.032N*	P=0.165N
POLY 6	P=0.225N	P=0.086N	P=0.059N	P=0.019N*	P=0.126N
RAO-SCOTT	P=0.232N	P=0.117N	P=0.092N	P=0.034N*	P=0.159N
LITTER C-A/FISHERS	P=0.500N	P=0.128N	P=0.284N	P=0.128N	P=0.387N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Bone					
Increased Bone					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	2/45.38
POLY-3 PERCENT (g)	0%	0%	0%	0%	4.4%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	---	---	414
STATISTICAL TESTS					
POLY 3	P=0.023*	(e)	(e)	(e)	P=0.275
POLY 1.5	P=0.023*	(e)	(e)	(e)	P=0.261
POLY 6	P=0.023*	(e)	(e)	(e)	P=0.291
RAO-SCOTT	P=0.101	(e)	(e)	(e)	P=0.409
LITTER C-A/FISHERS	P=0.022*	(e)	(e)	(e)	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Bone: Joint Degeneration					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/38.54	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	2.6%	0%	0%	0%	0%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Brain					
Gliososis					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/38.54	2/43.68	0/45.39	1/44.17	2/44.73
POLY-3 PERCENT (g)	2.6%	4.6%	0%	2.3%	4.5%
TERMINAL (d)	1/25 (4%)	2/34 (6%)	0/34 (0%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)	686
STATISTICAL TESTS					
POLY 3	P=0.411	P=0.544	P=0.467N	P=0.730N	P=0.552
POLY 1.5	P=0.402	P=0.526	P=0.481N	P=0.745N	P=0.532
POLY 6	P=0.419	P=0.566	P=0.452N	P=0.707N	P=0.573
RAO-SCOTT	P=0.436	P=0.543	P=0.482N	P=0.715N	P=0.552
LITTER C-A/FISHERS	P=0.384	P=0.500	P=0.500N	P=0.755	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Brain Hemorrhage					
LESION RATES					
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	2/38.94	2/44.44	1/45.51	0/44.17	2/44.98
POLY-3 PERCENT (g)	5.1%	4.5%	2.2%	0%	4.5%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	615	616	699	---	657
STATISTICAL TESTS					
POLY 3	P=0.544N	P=0.646N	P=0.446N	P=0.210N	P=0.641N
POLY 1.5	P=0.549N	P=0.665N	P=0.467N	P=0.223N	P=0.661N
POLY 6	P=0.540N	P=0.619N	P=0.421N	P=0.193N	P=0.618N
RAO-SCOTT	P=0.533N	P=0.638N	P=0.459N	P=0.240N	P=0.634N
LITTER C-A/FISHERS	P=0.555N	P=0.695	P=0.500N	P=0.245N	P=0.695

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Brain					
Necrosis					
LESION RATES					
OVERALL (a)	4/50 (8%)	1/50 (2%)	3/50 (6%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	4/25 (16%)	1/25 (4%)	3/25 (12%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	4/40.64	1/44.20	3/46.91	1/44.25	3/44.99
POLY-3 PERCENT (g)	9.8%	2.3%	6.4%	2.3%	6.7%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	239	571	270	710	669
STATISTICAL TESTS					
POLY 3	P=0.536N	P=0.153N	P=0.422N	P=0.153N	P=0.445N
POLY 1.5	P=0.539N	P=0.164N	P=0.453N	P=0.168N	P=0.466N
POLY 6	P=0.534N	P=0.140N	P=0.387N	P=0.134N	P=0.419N
RAO-SCOTT	P=0.519N	P=0.175N	P=0.432N	P=0.174N	P=0.450N
LITTER C-A/FISHERS	P=0.543N	P=0.174N	P=0.500N	P=0.174N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Eye: Cornea					
Inflammation Acute					
LESION RATES					
OVERALL (a)	4/50 (8%)	1/50 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	4/25 (16%)	1/25 (4%)	3/25 (12%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	4/40.00	1/43.68	3/45.64	0/44.17	0/44.56
POLY-3 PERCENT (g)	10%	2.3%	6.6%	0%	0%
TERMINAL (d)	1/25 (4%)	1/34 (3%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	547	729 (T)	672	---	---
STATISTICAL TESTS					
POLY 3	P=0.026N*	P=0.152N	P=0.428N	P=0.048N*	P=0.047N*
POLY 1.5	P=0.027N*	P=0.162N	P=0.456N	P=0.054N	P=0.052N
POLY 6	P=0.026N*	P=0.141N	P=0.397N	P=0.041N*	P=0.044N*
RAO-SCOTT	P=0.053N	P=0.213N	P=0.465N	P=0.096N	P=0.095N
LITTER C-A/FISHERS	P=0.026N*	P=0.174N	P=0.500N	P=0.055N	P=0.055N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Eye: Retina					
Degeneration					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	2/44.32	1/45.39	1/44.17	1/44.56
POLY-3 PERCENT (g)	0%	4.5%	2.2%	2.3%	2.2%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	---	518	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.614	P=0.269	P=0.532	P=0.527	P=0.529
POLY 1.5	P=0.596	P=0.256	P=0.519	P=0.514	P=0.518
POLY 6	P=0.626N	P=0.287	P=0.548	P=0.545	P=0.541
RAO-SCOTT	P=0.588	P=0.277	P=0.521	P=0.512	P=0.515
LITTER C-A/FISHERS	P=0.564	P=0.245	P=0.500	P=0.500	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Heart					
Cardiomyopathy					
LESION RATES					
OVERALL (a)	30/50 (60%)	30/50 (60%)	27/50 (54%)	26/50 (52%)	27/50 (54%)
LITTERS (b)	22/25 (88%)	21/25 (84%)	18/25 (72%)	18/25 (72%)	19/25 (76%)
POLY-3 RATE (c)	30/44.86	30/45.42	27/47.43	26/46.66	27/47.72
POLY-3 PERCENT (g)	66.9%	66.1%	56.9%	55.7%	56.6%
TERMINAL (d)	14/25 (56%)	22/34 (65%)	19/34 (56%)	17/37 (46%)	17/31 (55%)
FIRST INCIDENCE	483	554	565	485	414
STATISTICAL TESTS					
POLY 3	P=0.155N	P=0.557N	P=0.217N	P=0.187N	P=0.206N
POLY 1.5	P=0.185N	P=0.551N	P=0.253N	P=0.228N	P=0.238N
POLY 6	P=0.141N	P=0.575N	P=0.194N	P=0.144N	P=0.197N
RAO-SCOTT	P=0.174N	P=0.555N	P=0.240N	P=0.209N	P=0.230N
LITTER C-A/FISHERS	P=0.199N	P=0.500N	P=0.145N	P=0.145N	P=0.232N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Heart					
Mineral					
LESION RATES					
OVERALL (a)	3/50 (6%)	3/50 (6%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	3/25 (12%)	3/25 (12%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	3/40.18	3/44.44	2/45.96	0/44.17	0/44.56
POLY-3 PERCENT (g)	7.5%	6.8%	4.4%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	483	554	565	---	---
STATISTICAL TESTS					
POLY 3	P=0.025N*	P=0.615N	P=0.439N	P=0.102N	P=0.101N
POLY 1.5	P=0.026N*	P=0.633N	P=0.463N	P=0.111N	P=0.107N
POLY 6	P=0.025N*	P=0.591N	P=0.411N	P=0.092N	P=0.095N
RAO-SCOTT	P=0.049N*	P=0.619N	P=0.470N	P=0.153N	P=0.152N
LITTER C-A/FISHERS	P=0.026N*	P=0.666	P=0.500N	P=0.117N	P=0.117N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Heart					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	2/43.68	1/45.39	2/44.17	0/44.56
POLY-3 PERCENT (g)	0%	4.6%	2.2%	4.5%	0%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	1/34 (3%)	2/37 (5%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.385N	P=0.266	P=0.532	P=0.269	(e)
POLY 1.5	P=0.403N	P=0.254	P=0.519	P=0.253	(e)
POLY 6	P=0.367N	P=0.282	P=0.548	P=0.292	(e)
RAO-SCOTT	P=0.445N	P=0.318	P=0.571	P=0.322	(e)
LITTER C-A/FISHERS	P=0.436N	P=0.245	P=0.500	P=0.245	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Heart: Endocardium Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	1/43.68	0/45.39	0/44.17	2/44.56
POLY-3 PERCENT (g)	0%	2.3%	0%	0%	4.5%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)	2/31 (7%)
FIRST INCIDENCE	---	729 (T)	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.119	P=0.525	(e)	(e)	P=0.271
POLY 1.5	P=0.115	P=0.515	(e)	(e)	P=0.258
POLY 6	P=0.124	P=0.538	(e)	(e)	P=0.285
RAO-SCOTT	P=0.208	P=0.608	(e)	(e)	P=0.372
LITTER C-A/FISHERS	P=0.108	P=0.500	(e)	(e)	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Intestine Large, Cecum Mineral					
LESION RATES					
OVERALL (a)	1/49 (2%)	2/50 (4%)	0/50 (0%)	0/48 (0%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/38.81	2/44.03	0/45.39	0/42.57	0/43.70
POLY-3 PERCENT (g)	2.6%	4.5%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	554	642	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.148N	P=0.544	P=0.469N	P=0.482N	P=0.476N
POLY 1.5	P=0.151N	P=0.529	P=0.480N	P=0.493N	P=0.485N
POLY 6	P=0.144N	P=0.564	P=0.456N	P=0.465N	P=0.467N
RAO-SCOTT	P=0.239N	P=0.594	P=0.581N	P=0.587N	P=0.584N
LITTER C-A/FISHERS	P=0.151N	P=0.500	P=0.500N	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Intestine Large, Cecum Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/49 (0%)	2/50 (4%)	0/50 (0%)	1/48 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/38.25	2/43.68	0/45.39	1/42.57	0/43.70
POLY-3 PERCENT (g)	0%	4.6%	0%	2.4%	0%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	0/34 (0%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.389N	P=0.268	(e)	P=0.521	(e)
POLY 1.5	P=0.401N	P=0.257	(e)	P=0.508	(e)
POLY 6	P=0.375N	P=0.282	(e)	P=0.540	(e)
RAO-SCOTT	P=0.475N	P=0.371	(e)	P=0.612	(e)
LITTER C-A/FISHERS	P=0.418N	P=0.245	(e)	P=0.500	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Intestine Large, Colon					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	3/49 (6%)	1/50 (2%)	1/50 (2%)	2/48 (4%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	1/25 (4%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	3/38.25	1/43.68	1/45.39	2/42.57	1/44.56
POLY-3 PERCENT (g)	7.8%	2.3%	2.2%	4.7%	2.2%
TERMINAL (d)	3/25 (12%)	1/34 (3%)	1/34 (3%)	2/37 (5%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.345N	P=0.259N	P=0.247N	P=0.451N	P=0.252N
POLY 1.5	P=0.346N	P=0.274N	P=0.267N	P=0.481N	P=0.269N
POLY 6	P=0.347N	P=0.239N	P=0.223N	P=0.409N	P=0.235N
RAO-SCOTT	P=0.346N	P=0.282N	P=0.272N	P=0.460N	P=0.277N
LITTER C-A/FISHERS	P=0.349N	P=0.305N	P=0.305N	P=0.500N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Intestine Large, Colon: Lymphoid Tissue Hyperplasia					
LESION RATES					
OVERALL (a)	2/49 (4%)	1/50 (2%)	1/50 (2%)	1/48 (2%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/38.25	1/44.52	1/45.39	1/42.57	0/44.56
POLY-3 PERCENT (g)	5.2%	2.3%	2.2%	2.4%	0%
TERMINAL (d)	2/25 (8%)	0/34 (0%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	400	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.166N	P=0.447N	P=0.441N	P=0.463N	P=0.204N
POLY 1.5	P=0.168N	P=0.465N	P=0.462N	P=0.485N	P=0.215N
POLY 6	P=0.166N	P=0.425N	P=0.415N	P=0.430N	P=0.194N
RAO-SCOTT	P=0.190N	P=0.460N	P=0.455N	P=0.474N	P=0.237N
LITTER C-A/FISHERS	P=0.166N	P=0.500N	P=0.500N	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Intestine Large, Rectum Parasite Metazoan					
LESION RATES					
OVERALL (a)	7/50 (14%)	5/50 (10%)	6/50 (12%)	7/50 (14%)	2/50 (4%)
LITTERS (b)	6/25 (24%)	5/25 (20%)	6/25 (24%)	7/25 (28%)	2/25 (8%)
POLY-3 RATE (c)	7/38.54	5/43.68	6/45.39	7/44.17	2/44.56
POLY-3 PERCENT (g)	18.2%	11.5%	13.2%	15.9%	4.5%
TERMINAL (d)	7/25 (28%)	5/34 (15%)	6/34 (18%)	7/37 (19%)	2/31 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.072N	P=0.292N	P=0.375N	P=0.506N	P=0.048N*
POLY 1.5	P=0.080N	P=0.326N	P=0.425N	P=0.560N	P=0.059N
POLY 6	P=0.066N	P=0.250N	P=0.316N	P=0.429N	P=0.038N*
RAO-SCOTT	P=0.084N	P=0.298N	P=0.376N	P=0.498N	P=0.060N
LITTER C-A/FISHERS	P=0.121N	P=0.500N	P=0.629	P=0.500	P=0.123N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Intestine Small, Jejunum Hyperplasia					
LESION RATES					
OVERALL (a)	2/48 (4%)	0/49 (0%)	0/49 (0%)	0/48 (0%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/37.89	0/43.00	0/44.61	0/42.57	0/44.56
POLY-3 PERCENT (g)	5.3%	0%	0%	0%	0%
TERMINAL (d)	2/25 (8%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.176N	P=0.210N	P=0.202N	P=0.212N	P=0.202N
POLY 1.5	P=0.168N	P=0.219N	P=0.214N	P=0.225N	P=0.212N
POLY 6	P=0.187N	P=0.198N	P=0.188N	P=0.194N	P=0.193N
RAO-SCOTT	P=0.304N	P=0.386N	P=0.383N	P=0.389N	P=0.380N
LITTER C-A/FISHERS	P=0.157N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Islets, Pancreatic Hyperplasia					
LESION RATES					
OVERALL (a)	1/50 (2%)	5/50 (10%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	5/25 (20%)	3/25 (12%)	3/25 (12%)	2/25 (8%)
POLY-3 RATE (c)	1/38.82	5/43.68	3/45.39	3/44.87	2/44.56
POLY-3 PERCENT (g)	2.6%	11.5%	6.6%	6.7%	4.5%
TERMINAL (d)	0/25 (0%)	5/34 (15%)	3/34 (9%)	2/37 (5%)	2/31 (7%)
FIRST INCIDENCE	654	729 (T)	729 (T)	485	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.393N	P=0.130	P=0.363	P=0.359	P=0.548
POLY 1.5	P=0.417N	P=0.118	P=0.340	P=0.333	P=0.530
POLY 6	P=0.369N	P=0.146	P=0.392	P=0.395	P=0.566
RAO-SCOTT	P=0.419N	P=0.136	P=0.356	P=0.352	P=0.529
LITTER C-A/FISHERS	P=0.460N	P=0.095	P=0.305	P=0.305	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney Infarct					
LESION RATES					
OVERALL (a)	2/50 (4%)	4/50 (8%)	4/50 (8%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	2/25 (8%)	4/25 (16%)	4/25 (16%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	2/39.79	4/44.22	4/45.80	2/44.25	1/44.68
POLY-3 PERCENT (g)	5%	9.1%	8.7%	4.5%	2.2%
TERMINAL (d)	0/25 (0%)	3/34 (9%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	407	563	674	710	700
STATISTICAL TESTS					
POLY 3	P=0.152N	P=0.387	P=0.404	P=0.655N	P=0.460N
POLY 1.5	P=0.163N	P=0.367	P=0.376	P=0.676N	P=0.475N
POLY 6	P=0.141N	P=0.414	P=0.440	P=0.625N	P=0.443N
RAO-SCOTT	P=0.176N	P=0.386	P=0.404	P=0.639N	P=0.453N
LITTER C-A/FISHERS	P=0.176N	P=0.334	P=0.334	P=0.695	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney Inflammation, Suppurative					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney					
Nephropathy Chronic Progressive					
LESION RATES					
OVERALL (a)	49/50 (98%)	50/50 (100%)	49/50 (98%)	48/50 (96%)	48/50 (96%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)
POLY-3 RATE (c)	49/49.17	50/50.00	49/50.00	48/48.46	48/49.11
POLY-3 PERCENT (g)	99.7%	100%	98%	99.1%	97.8%
TERMINAL (d)	25/25 (100%)	34/34 (100%)	33/34 (97%)	37/37 (100%)	31/31 (100%)
FIRST INCIDENCE	239	400	270	246	501
STATISTICAL TESTS					
POLY 3	P=0.271N	P=1.000	P=0.572N	P=0.930N	P=0.528N
POLY 1.5	P=0.227N	P=0.917	P=0.652N	P=0.784N	P=0.510N
POLY 6	P=0.337N	P=1.000	P=0.516N	P=1.000N	P=0.566N
RAO-SCOTT	P=0.355N	P=0.990	P=0.648N	P=0.861N	P=0.604N
LITTER C-A/FISHERS	(e)	P=1.000	P=1.000	P=1.000	P=1.000

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney: Pelvis					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	1/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	2.3%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney: Renal Tubule Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	2/25 (8%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/38.84	2/44.07	2/45.67	0/44.17	2/44.64
POLY-3 PERCENT (g)	2.6%	4.5%	4.4%	0%	4.5%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	647	629	674	---	710
STATISTICAL TESTS					
POLY 3	P=0.590	P=0.544	P=0.556	P=0.474N	P=0.548
POLY 1.5	P=0.577	P=0.527	P=0.534	P=0.487N	P=0.531
POLY 6	P=0.604	P=0.566	P=0.583	P=0.457N	P=0.567
RAO-SCOTT	P=0.584	P=0.539	P=0.554	P=0.475N	P=0.544
LITTER C-A/FISHERS	P=0.555	P=0.500	P=0.500	P=0.500N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney: Renal Tubule Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	2/25 (8%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	1/43.68	2/45.39	0/44.17	2/44.56
POLY-3 PERCENT (g)	0%	2.3%	4.4%	0%	4.5%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	2/34 (6%)	0/37 (0%)	2/31 (7%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.300	P=0.525	P=0.275	(e)	P=0.271
POLY 1.5	P=0.285	P=0.515	P=0.260	(e)	P=0.258
POLY 6	P=0.317	P=0.538	P=0.295	(e)	P=0.285
RAO-SCOTT	P=0.331	P=0.556	P=0.328	(e)	P=0.322
LITTER C-A/FISHERS	P=0.259	P=0.500	P=0.245	(e)	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney: Renal Tubule Hyperplasia Atypical					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	1/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	2.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Angiectasis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	1/43.86
POLY-3 PERCENT (g)	0%	0%	0%	0%	2.3%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Basophilic Focus					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	9/50 (18%)	11/49 (22%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	2/25 (8%)	8/25 (32%)	10/25 (40%)
POLY-3 RATE (c)	1/38.96	1/44.16	2/45.39	9/44.19	11/44.61
POLY-3 PERCENT (g)	2.6%	2.3%	4.4%	20.4%	24.7%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	2/34 (6%)	8/37 (22%)	8/31 (26%)
FIRST INCIDENCE	608	588	729 (T)	725	597
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.732N	P=0.553	P=0.014*	P=0.004**
POLY 1.5	P<0.001**	P=0.744N	P=0.532	P=0.011*	P=0.003**
POLY 6	P<0.001**	P=0.717N	P=0.577	P=0.020*	P=0.006**
RAO-SCOTT	P<0.001**	P=0.727N	P=0.568	P=0.033*	P=0.014*
LITTER C-A/FISHERS	P<0.001**	P=0.755	P=0.500	P=0.012*	P=0.002**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Clear Cell Focus					
LESION RATES					
OVERALL (a)	26/50 (52%)	31/50 (62%)	33/50 (66%)	36/50 (72%)	35/49 (71%)
LITTERS (b)	20/25 (80%)	22/25 (88%)	21/25 (84%)	24/25 (96%)	24/25 (96%)
POLY-3 RATE (c)	26/39.34	31/44.50	33/45.80	36/44.64	35/45.43
POLY-3 PERCENT (g)	66.1%	69.7%	72.1%	80.7%	77%
TERMINAL (d)	24/25 (96%)	30/34 (88%)	32/34 (94%)	34/37 (92%)	30/31 (97%)
FIRST INCIDENCE	597	414	613	597	501
STATISTICAL TESTS					
POLY 3	P=0.105	P=0.450	P=0.349	P=0.079	P=0.167
POLY 1.5	P=0.065	P=0.340	P=0.223	P=0.040*	P=0.093
POLY 6	P=0.172	P=0.610N	P=0.561	P=0.214	P=0.316
RAO-SCOTT	P=0.124	P=0.445	P=0.355	P=0.104	P=0.191
LITTER C-A/FISHERS	P=0.044*	P=0.351	P=0.500	P=0.095	P=0.095

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Degeneration Cystic					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	1/44.20	0/45.39	1/44.17	2/43.86
POLY-3 PERCENT (g)	0%	2.3%	0%	2.3%	4.6%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)	2/31 (7%)
FIRST INCIDENCE	---	571	---	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.117	P=0.527	(e)	P=0.527	P=0.267
POLY 1.5	P=0.112	P=0.516	(e)	P=0.514	P=0.254
POLY 6	P=0.122	P=0.541	(e)	P=0.545	P=0.283
RAO-SCOTT	P=0.169	P=0.567	(e)	P=0.567	P=0.326
LITTER C-A/FISHERS	P=0.104	P=0.500	(e)	P=0.500	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Eosinophilic Focus					
LESION RATES					
OVERALL (a)	3/50 (6%)	5/50 (10%)	3/50 (6%)	5/50 (10%)	13/49 (27%)
LITTERS (b)	3/25 (12%)	5/25 (20%)	3/25 (12%)	4/25 (16%)	12/25 (48%)
POLY-3 RATE (c)	3/38.54	5/43.68	3/45.66	5/44.17	13/44.08
POLY-3 PERCENT (g)	7.8%	11.5%	6.6%	11.3%	29.5%
TERMINAL (d)	3/25 (12%)	5/34 (15%)	2/34 (6%)	5/37 (14%)	11/31 (36%)
FIRST INCIDENCE	729 (T)	729 (T)	657	729 (T)	694
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.427	P=0.582N	P=0.433	P=0.011*
POLY 1.5	P<0.001**	P=0.399	P=0.615N	P=0.395	P=0.008**
POLY 6	P<0.001**	P=0.465	P=0.540N	P=0.488	P=0.016*
RAO-SCOTT	P=0.002**	P=0.423	P=0.571N	P=0.429	P=0.019*
LITTER C-A/FISHERS	P<0.001**	P=0.351	P=0.666	P=0.500	P=0.006**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Fatty Change					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/39.15	0/43.68	1/45.52	1/44.57	0/43.86
POLY-3 PERCENT (g)	5.1%	0%	2.2%	2.2%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	617	---	696	614	---
STATISTICAL TESTS					
POLY 3	P=0.242N	P=0.213N	P=0.448N	P=0.455N	P=0.213N
POLY 1.5	P=0.242N	P=0.222N	P=0.468N	P=0.477N	P=0.223N
POLY 6	P=0.245N	P=0.203N	P=0.424N	P=0.426N	P=0.202N
RAO-SCOTT	P=0.286N	P=0.282N	P=0.490N	P=0.494N	P=0.284N
LITTER C-A/FISHERS	P=0.236N	P=0.245N	P=0.500N	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Hepatodiaphragmatic Nodule					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)	1/49 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	0/43.68	1/45.52	2/45.13	1/44.04
POLY-3 PERCENT (g)	0%	0%	2.2%	4.4%	2.3%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	---	---	696	246	682
STATISTICAL TESTS					
POLY 3	P=0.269	(e)	P=0.533	P=0.274	P=0.527
POLY 1.5	P=0.256	(e)	P=0.520	P=0.257	P=0.515
POLY 6	P=0.281	(e)	P=0.549	P=0.298	P=0.540
RAO-SCOTT	P=0.307	(e)	P=0.570	P=0.327	P=0.563
LITTER C-A/FISHERS	P=0.236	(e)	P=0.500	P=0.245	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver					
Mixed Cell Focus					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	4/50 (8%)	1/50 (2%)	8/49 (16%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	4/25 (16%)	1/25 (4%)	8/25 (32%)
POLY-3 RATE (c)	1/38.54	2/43.71	4/45.43	1/44.17	8/43.86
POLY-3 PERCENT (g)	2.6%	4.6%	8.8%	2.3%	18.2%
TERMINAL (d)	1/25 (4%)	1/34 (3%)	3/34 (9%)	1/37 (3%)	8/31 (26%)
FIRST INCIDENCE	729 (T)	721	721	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.006**	P=0.544	P=0.232	P=0.730N	P=0.025*
POLY 1.5	P=0.005**	P=0.526	P=0.210	P=0.745N	P=0.021*
POLY 6	P=0.007**	P=0.567	P=0.262	P=0.707N	P=0.032*
RAO-SCOTT	P=0.012*	P=0.534	P=0.247	P=0.709N	P=0.038*
LITTER C-A/FISHERS	P=0.004**	P=0.500	P=0.174	P=0.755	P=0.012*

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver Necrosis					
LESION RATES					
OVERALL (a)	3/50 (6%)	4/50 (8%)	5/50 (10%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	5/25 (20%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	3/40.42	4/45.87	5/47.47	0/44.17	1/44.06
POLY-3 PERCENT (g)	7.4%	8.7%	10.5%	0%	2.3%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	407	414	270	---	676
STATISTICAL TESTS					
POLY 3	P=0.057N	P=0.569	P=0.448	P=0.103N	P=0.275N
POLY 1.5	P=0.061N	P=0.542	P=0.413	P=0.111N	P=0.288N
POLY 6	P=0.053N	P=0.603	P=0.489	P=0.092N	P=0.260N
RAO-SCOTT	P=0.082N	P=0.569	P=0.459	P=0.130N	P=0.298N
LITTER C-A/FISHERS	P=0.060N	P=0.500	P=0.351	P=0.117N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver Pigment					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	22/49 (45%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	18/25 (72%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	1/44.17	22/46.61
POLY-3 PERCENT (g)	0%	0%	0%	2.3%	47.2%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)	14/31 (45%)
FIRST INCIDENCE	---	---	---	729 (T)	414
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	P=0.527	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.514	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.545	P<0.001**
RAO-SCOTT	P<0.001**	(e)	(e)	P=0.543	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	P=0.500	P<0.001**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver: Bile Duct Cyst					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/50 (0%)	3/50 (6%)	6/50 (12%)	6/49 (12%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	3/25 (12%)	5/25 (20%)	5/25 (20%)
POLY-3 RATE (c)	3/38.67	0/43.68	3/45.52	6/44.17	6/44.28
POLY-3 PERCENT (g)	7.8%	0%	6.6%	13.6%	13.6%
TERMINAL (d)	2/25 (8%)	0/34 (0%)	2/34 (6%)	6/37 (16%)	4/31 (13%)
FIRST INCIDENCE	697	---	696	729 (T)	635
STATISTICAL TESTS					
POLY 3	P=0.032*	P=0.098N	P=0.585N	P=0.311	P=0.312
POLY 1.5	P=0.030*	P=0.106N	P=0.616N	P=0.276	P=0.281
POLY 6	P=0.034*	P=0.089N	P=0.546N	P=0.363	P=0.351
RAO-SCOTT	P=0.067	P=0.150N	P=0.594N	P=0.350	P=0.353
LITTER C-A/FISHERS	P=0.065	P=0.117N	P=0.666	P=0.351	P=0.351

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver: Bile Duct Hyperplasia					
LESION RATES					
OVERALL (a)	12/50 (24%)	23/50 (46%)	17/50 (34%)	19/50 (38%)	29/49 (59%)
LITTERS (b)	10/25 (40%)	16/25 (64%)	14/25 (56%)	16/25 (64%)	21/25 (84%)
POLY-3 RATE (c)	12/40.32	23/46.00	17/46.03	19/44.95	29/45.46
POLY-3 PERCENT (g)	29.8%	50%	36.9%	42.3%	63.8%
TERMINAL (d)	7/25 (28%)	17/34 (50%)	13/34 (38%)	16/37 (43%)	21/31 (68%)
FIRST INCIDENCE	521	400	657	556	639
STATISTICAL TESTS					
POLY 3	P=0.003**	P=0.041*	P=0.316	P=0.162	P<0.001**
POLY 1.5	P=0.002**	P=0.029*	P=0.261	P=0.124	P<0.001**
POLY 6	P=0.004**	P=0.060	P=0.389	P=0.230	P=0.002**
RAO-SCOTT	P=0.004**	P=0.048*	P=0.315	P=0.166	P=0.002**
LITTER C-A/FISHERS	P=0.003**	P=0.078	P=0.198	P=0.078	P=0.002**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver: Hepatocyte Cytoplasmic Alteration					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	0/43.68	1/45.60	1/44.17	2/43.86
POLY-3 PERCENT (g)	0%	0%	2.2%	2.3%	4.6%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)	2/31 (7%)
FIRST INCIDENCE	---	---	674	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.087	(e)	P=0.533	P=0.527	P=0.267
POLY 1.5	P=0.082	(e)	P=0.520	P=0.514	P=0.254
POLY 6	P=0.091	(e)	P=0.550	P=0.545	P=0.283
RAO-SCOTT	P=0.132	(e)	P=0.574	P=0.564	P=0.323
LITTER C-A/FISHERS	P=0.075	(e)	P=0.500	P=0.500	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver: Hepatocyte Hypertrophy					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	0/43.86
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Liver: Hepatocyte Pigment					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	2/44.17	0/43.86
POLY-3 PERCENT (g)	0%	0%	0%	4.5%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	2/37 (5%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.535	(e)	(e)	P=0.269	(e)
POLY 1.5	P=0.524	(e)	(e)	P=0.253	(e)
POLY 6	P=0.542	(e)	(e)	P=0.292	(e)
RAO-SCOTT	P=0.596	(e)	(e)	P=0.406	(e)
LITTER C-A/FISHERS	P=0.500	(e)	(e)	P=0.245	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung Cyst					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung					
Infiltration Cellular Histiocyte					
LESION RATES					
OVERALL (a)	31/50 (62%)	36/50 (72%)	32/50 (64%)	37/50 (74%)	40/50 (80%)
LITTERS (b)	20/25 (80%)	22/25 (88%)	23/25 (92%)	23/25 (92%)	23/25 (92%)
POLY-3 RATE (c)	31/43.73	36/47.57	32/49.04	37/48.59	40/49.11
POLY-3 PERCENT (g)	70.9%	75.7%	65.3%	76.2%	81.5%
TERMINAL (d)	19/25 (76%)	26/34 (77%)	23/34 (68%)	27/37 (73%)	24/31 (77%)
FIRST INCIDENCE	314	400	270	171	414
STATISTICAL TESTS					
POLY 3	P=0.094	P=0.385	P=0.356N	P=0.364	P=0.158
POLY 1.5	P=0.062	P=0.299	P=0.476N	P=0.248	P=0.092
POLY 6	P=0.148	P=0.513	P=0.232N	P=0.544	P=0.283
RAO-SCOTT	P=0.112	P=0.390	P=0.362N	P=0.370	P=0.176
LITTER C-A/FISHERS	P=0.183	P=0.351	P=0.209	P=0.209	P=0.209

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung Inflammation Acute					
LESION RATES					
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	3/25 (12%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/38.96	3/44.03	1/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	2.6%	6.8%	2.2%	0%	0%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	608	642	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.086N	P=0.350	P=0.726N	P=0.475N	P=0.473N
POLY 1.5	P=0.091N	P=0.332	P=0.740N	P=0.487N	P=0.483N
POLY 6	P=0.079N	P=0.374	P=0.708N	P=0.458N	P=0.463N
RAO-SCOTT	P=0.139N	P=0.393	P=0.729N	P=0.525N	P=0.525N
LITTER C-A/FISHERS	P=0.098N	P=0.305	P=0.755	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	1/25 (4%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	3/39.12	0/43.68	1/45.46	2/44.23	0/44.56
POLY-3 PERCENT (g)	7.7%	0%	2.2%	4.5%	0%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	0/34 (0%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	647	---	713	713	---
STATISTICAL TESTS					
POLY 3	P=0.191N	P=0.100N	P=0.254N	P=0.444N	P=0.097N
POLY 1.5	P=0.190N	P=0.107N	P=0.273N	P=0.472N	P=0.104N
POLY 6	P=0.196N	P=0.092N	P=0.232N	P=0.408N	P=0.090N
RAO-SCOTT	P=0.237N	P=0.167N	P=0.321N	P=0.484N	P=0.165N
LITTER C-A/FISHERS	P=0.187N	P=0.117N	P=0.305N	P=0.500N	P=0.117N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung					
Inflammation Focal Granulomatous					
LESION RATES					
OVERALL (a)	7/50 (14%)	14/50 (28%)	11/50 (22%)	19/50 (38%)	24/50 (48%)
LITTERS (b)	6/25 (24%)	13/25 (52%)	10/25 (40%)	15/25 (60%)	17/25 (68%)
POLY-3 RATE (c)	7/39.93	14/43.68	11/46.13	19/44.51	24/47.08
POLY-3 PERCENT (g)	17.5%	32.1%	23.9%	42.7%	51%
TERMINAL (d)	4/25 (16%)	14/34 (41%)	8/34 (24%)	16/37 (43%)	17/31 (55%)
FIRST INCIDENCE	483	729 (T)	613	682	414
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.098	P=0.326	P=0.010**	P<0.001**
POLY 1.5	P<0.001**	P=0.086	P=0.280	P=0.006**	P<0.001**
POLY 6	P<0.001**	P=0.116	P=0.387	P=0.017*	P<0.001**
RAO-SCOTT	P<0.001**	P=0.110	P=0.329	P=0.015*	P=0.002**
LITTER C-A/FISHERS	P=0.003**	P=0.040*	P=0.182	P=0.010**	P=0.002**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung Mineral					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/39.25	2/44.28	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	2.6%	4.5%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	483	554	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.145N	P=0.542	P=0.471N	P=0.476N	P=0.475N
POLY 1.5	P=0.148N	P=0.525	P=0.483N	P=0.488N	P=0.484N
POLY 6	P=0.141N	P=0.564	P=0.457N	P=0.460N	P=0.465N
RAO-SCOTT	P=0.238N	P=0.592	P=0.582N	P=0.582N	P=0.582N
LITTER C-A/FISHERS	P=0.151N	P=0.500	P=0.500N	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung: Alveolar Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	2/50 (4%)	6/50 (12%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	2/25 (8%)	6/25 (24%)	3/25 (12%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	2/39.12	6/44.22	3/45.39	1/44.17	2/44.56
POLY-3 PERCENT (g)	5.1%	13.6%	6.6%	2.3%	4.5%
TERMINAL (d)	1/25 (4%)	5/34 (15%)	3/34 (9%)	1/37 (3%)	2/31 (7%)
FIRST INCIDENCE	547	563	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.178N	P=0.175	P=0.567	P=0.458N	P=0.646N
POLY 1.5	P=0.193N	P=0.158	P=0.541	P=0.479N	P=0.664N
POLY 6	P=0.163N	P=0.200	P=0.599	P=0.429N	P=0.627N
RAO-SCOTT	P=0.208N	P=0.189	P=0.558	P=0.452N	P=0.631N
LITTER C-A/FISHERS	P=0.211N	P=0.123	P=0.500	P=0.500N	P=0.695

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lung: Epithelium, Alveolus Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lymph Node, Mandibular Atrophy					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/39.38	0/43.68	0/44.66	1/44.50	0/44.56
POLY-3 PERCENT (g)	5.1%	0%	0%	2.3%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	554	---	---	636	---
STATISTICAL TESTS					
POLY 3	P=0.283N	P=0.215N	P=0.210N	P=0.457N	P=0.211N
POLY 1.5	P=0.277N	P=0.223N	P=0.222N	P=0.478N	P=0.220N
POLY 6	P=0.292N	P=0.204N	P=0.197N	P=0.429N	P=0.201N
RAO-SCOTT	P=0.351N	P=0.332N	P=0.332N	P=0.530N	P=0.330N
LITTER C-A/FISHERS	P=0.268N	P=0.245N	P=0.245N	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lymph Node, Mandibular: Lymphatic Sinus Dilation					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	2/43.68	0/44.66	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	4.6%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.279N	P=0.266	(e)	(e)	(e)
POLY 1.5	P=0.290N	P=0.254	(e)	(e)	(e)
POLY 6	P=0.265N	P=0.282	(e)	(e)	(e)
RAO-SCOTT	P=0.418N	P=0.401	(e)	(e)	(e)
LITTER C-A/FISHERS	P=0.307N	P=0.245	(e)	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lymph Node, Mesenteric Atrophy					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/39.10	0/43.00	0/44.61	0/43.23	0/44.56
POLY-3 PERCENT (g)	5.1%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	653	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.180N	P=0.216N	P=0.209N	P=0.215N	P=0.209N
POLY 1.5	P=0.171N	P=0.226N	P=0.222N	P=0.228N	P=0.219N
POLY 6	P=0.190N	P=0.205N	P=0.195N	P=0.199N	P=0.200N
RAO-SCOTT	P=0.300N	P=0.383N	P=0.381N	P=0.383N	P=0.378N
LITTER C-A/FISHERS	P=0.157N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lymph Node, Mesenteric Hyperplasia Lymphocyte					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	1/49 (2%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	2/43.00	1/44.68	0/43.23	0/44.56
POLY-3 PERCENT (g)	0%	4.7%	2.2%	0%	0%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	713	---	---
STATISTICAL TESTS					
POLY 3	P=0.232N	P=0.262	P=0.529	(e)	(e)
POLY 1.5	P=0.246N	P=0.250	P=0.516	(e)	(e)
POLY 6	P=0.215N	P=0.279	P=0.546	(e)	(e)
RAO-SCOTT	P=0.346N	P=0.369	P=0.624	(e)	(e)
LITTER C-A/FISHERS	P=0.268N	P=0.245	P=0.500	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lymph Node: Axillary Hyperplasia					
LESION RATES					
OVERALL (a)	0/2 (0%)	0/4 (0%)	0/2 (0%)	0/1 (0%)	0/4 (0%)
LITTERS (b)	0/2 (0%)	0/4 (0%)	0/2 (0%)	0/1 (0%)	0/3 (0%)
POLY-3 RATE (c)	0/1.18	0/3.25	0/1.67	0/0.04	0/3.62
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Lymph Node: Lumbar Hyperplasia					
LESION RATES					
OVERALL (a)	0/2 (0%)	0/4 (0%)	0/2 (0%)	0/1 (0%)	0/4 (0%)
LITTERS (b)	0/2 (0%)	0/4 (0%)	0/2 (0%)	0/1 (0%)	0/3 (0%)
POLY-3 RATE (c)	0/1.18	0/3.25	0/1.67	0/0.04	0/3.62
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Mammary Gland					
Galactocele					
LESION RATES					
OVERALL (a)	0/45 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/24 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/34.31	0/43.68	0/45.39	0/44.17	0/43.86
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/23 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Mammary Gland Hyperplasia					
LESION RATES					
OVERALL (a)	0/45 (0%)	2/50 (4%)	0/50 (0%)	3/50 (6%)	1/49 (2%)
LITTERS (b)	0/24 (0%)	2/25 (8%)	0/25 (0%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	0/34.31	2/44.86	0/45.39	3/44.17	1/43.86
POLY-3 PERCENT (g)	0%	4.5%	0%	6.8%	2.3%
TERMINAL (d)	0/23 (0%)	0/34 (0%)	0/34 (0%)	3/37 (8%)	1/31 (3%)
FIRST INCIDENCE	---	414	---	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.450	P=0.300	(e)	P=0.169	P=0.549
POLY 1.5	P=0.433	P=0.285	(e)	P=0.154	P=0.537
POLY 6	P=0.465	P=0.320	(e)	P=0.192	P=0.561
RAO-SCOTT	P=0.456	P=0.346	(e)	P=0.217	P=0.576
LITTER C-A/FISHERS	P=0.392	P=0.255	(e)	P=0.125	P=0.510

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose					
Foreign Body					
LESION RATES					
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	2/25 (8%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/38.58	2/43.71	2/46.34	0/44.17	1/44.90
POLY-3 PERCENT (g)	5.2%	4.6%	4.3%	0%	2.2%
TERMINAL (d)	1/25 (4%)	1/34 (3%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	720	721	270	---	635
STATISTICAL TESTS					
POLY 3	P=0.232N	P=0.648N	P=0.626N	P=0.208N	P=0.447N
POLY 1.5	P=0.239N	P=0.667N	P=0.652N	P=0.222N	P=0.467N
POLY 6	P=0.224N	P=0.624N	P=0.594N	P=0.190N	P=0.425N
RAO-SCOTT	P=0.257N	P=0.638N	P=0.622N	P=0.238N	P=0.459N
LITTER C-A/FISHERS	P=0.246N	P=0.695	P=0.695	P=0.245N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose Inflammation					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	2/25 (8%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/38.58	2/43.71	2/46.34	0/44.17	2/44.97
POLY-3 PERCENT (g)	2.6%	4.6%	4.3%	0%	4.5%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	720	721	270	---	648
STATISTICAL TESTS					
POLY 3	P=0.594	P=0.543	P=0.563	P=0.473N	P=0.553
POLY 1.5	P=0.578	P=0.526	P=0.539	P=0.486N	P=0.533
POLY 6	P=0.611	P=0.566	P=0.591	P=0.455N	P=0.576
RAO-SCOTT	P=0.589	P=0.539	P=0.562	P=0.476N	P=0.551
LITTER C-A/FISHERS	P=0.555	P=0.500	P=0.500	P=0.500N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose					
Inflammation Acute					
LESION RATES					
OVERALL (a)	6/50 (12%)	6/50 (12%)	4/50 (8%)	5/50 (10%)	3/50 (6%)
LITTERS (b)	5/25 (20%)	6/25 (24%)	3/25 (12%)	5/25 (20%)	3/25 (12%)
POLY-3 RATE (c)	6/39.22	6/44.32	4/45.96	5/44.17	3/45.24
POLY-3 PERCENT (g)	15.3%	13.5%	8.7%	11.3%	6.6%
TERMINAL (d)	4/25 (16%)	4/34 (12%)	1/34 (3%)	5/37 (14%)	2/31 (7%)
FIRST INCIDENCE	617	588	613	729 (T)	501
STATISTICAL TESTS					
POLY 3	P=0.149N	P=0.533N	P=0.274N	P=0.417N	P=0.176N
POLY 1.5	P=0.160N	P=0.568N	P=0.311N	P=0.458N	P=0.199N
POLY 6	P=0.143N	P=0.488N	P=0.233N	P=0.363N	P=0.154N
RAO-SCOTT	P=0.166N	P=0.529N	P=0.290N	P=0.422N	P=0.196N
LITTER C-A/FISHERS	P=0.253N	P=0.500	P=0.351N	P=0.637	P=0.351N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose: Epithelium Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	37/50 (74%)	42/50 (84%)	45/50 (90%)	43/50 (86%)	45/50 (90%)
LITTERS (b)	23/25 (92%)	24/25 (96%)	25/25 (100%)	24/25 (96%)	25/25 (100%)
POLY-3 RATE (c)	37/45.28	42/47.81	45/48.60	43/48.60	45/48.98
POLY-3 PERCENT (g)	81.7%	87.8%	92.6%	88.5%	91.9%
TERMINAL (d)	21/25 (84%)	32/34 (94%)	33/34 (97%)	34/37 (92%)	31/31 (100%)
FIRST INCIDENCE	239	400	270	246	414
STATISTICAL TESTS					
POLY 3	P=0.142	P=0.277	P=0.076	P=0.249	P=0.098
POLY 1.5	P=0.092	P=0.224	P=0.052	P=0.155	P=0.062
POLY 6	P=0.217	P=0.350	P=0.124	P=0.416	P=0.154
RAO-SCOTT	P=0.176	P=0.314	P=0.121	P=0.283	P=0.144
LITTER C-A/FISHERS	P=0.184	P=0.500	P=0.245	P=0.500	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose: Respiratory Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	1/38.54	1/43.68	1/45.93	1/44.17	3/45.01
POLY-3 PERCENT (g)	2.6%	2.3%	2.2%	2.3%	6.7%
TERMINAL (d)	1/25 (4%)	1/34 (3%)	0/34 (0%)	1/37 (3%)	2/31 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	565	729 (T)	597
STATISTICAL TESTS					
POLY 3	P=0.156	P=0.732N	P=0.720N	P=0.730N	P=0.363
POLY 1.5	P=0.150	P=0.744N	P=0.737N	P=0.745N	P=0.341
POLY 6	P=0.161	P=0.717N	P=0.699N	P=0.707N	P=0.388
RAO-SCOTT	P=0.184	P=0.710N	P=0.703N	P=0.709N	P=0.368
LITTER C-A/FISHERS	P=0.136	P=0.755	P=0.755	P=0.755	P=0.305

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose: Respiratory Epithelium Metaplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	2/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	4.4%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	2/34 (6%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.462N	(e)	P=0.275	(e)	(e)
POLY 1.5	P=0.478N	(e)	P=0.260	(e)	(e)
POLY 6	P=0.443N	(e)	P=0.295	(e)	(e)
RAO-SCOTT	P=0.569N	(e)	P=0.412	(e)	(e)
LITTER C-A/FISHERS	P=0.500N	(e)	P=0.245	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Nose: Respiratory Epithelium Necrosis					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/39.36	0/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	5.1%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	608	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.178N	P=0.214N	P=0.207N	P=0.212N	P=0.210N
POLY 1.5	P=0.170N	P=0.223N	P=0.218N	P=0.224N	P=0.220N
POLY 6	P=0.187N	P=0.204N	P=0.194N	P=0.197N	P=0.202N
RAO-SCOTT	P=0.295N	P=0.375N	P=0.372N	P=0.374N	P=0.374N
LITTER C-A/FISHERS	P=0.157N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Pancreas					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	1/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	2.3%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Pancreas					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	5/50 (10%)	4/50 (8%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	5/25 (20%)	3/25 (12%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	5/38.84	4/43.68	1/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	12.9%	9.2%	2.2%	0%	0%
TERMINAL (d)	4/25 (16%)	4/34 (12%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	647	729 (T)	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.005N**	P=0.426N	P=0.069N	P=0.021N*	P=0.020N*
POLY 1.5	P=0.005N**	P=0.455N	P=0.081N	P=0.025N*	P=0.024N*
POLY 6	P=0.005N**	P=0.390N	P=0.057N	P=0.016N*	P=0.017N*
RAO-SCOTT	P=0.025N*	P=0.480N	P=0.151N	P=0.076N	P=0.075N
LITTER C-A/FISHERS	P=0.007N**	P=0.351N	P=0.095N	P=0.025N*	P=0.025N*

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Pancreas: Acinus Atrophy					
LESION RATES					
OVERALL (a)	5/50 (10%)	2/50 (4%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
LITTERS (b)	5/25 (20%)	2/25 (8%)	3/25 (12%)	3/25 (12%)	0/25 (0%)
POLY-3 RATE (c)	5/40.02	2/43.68	3/45.66	3/44.17	0/44.56
POLY-3 PERCENT (g)	12.5%	4.6%	6.6%	6.8%	0%
TERMINAL (d)	3/25 (12%)	2/34 (6%)	2/34 (6%)	3/37 (8%)	0/31 (0%)
FIRST INCIDENCE	314	729 (T)	657	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.038N*	P=0.181N	P=0.286N	P=0.303N	P=0.022N*
POLY 1.5	P=0.040N*	P=0.195N	P=0.315N	P=0.332N	P=0.025N*
POLY 6	P=0.038N*	P=0.162N	P=0.251N	P=0.262N	P=0.019N*
RAO-SCOTT	P=0.049N*	P=0.198N	P=0.299N	P=0.314N	P=0.034N*
LITTER C-A/FISHERS	P=0.039N*	P=0.209N	P=0.351N	P=0.351N	P=0.025N*

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Pancreas: Acinus Hyperplasia					
LESION RATES					
OVERALL (a)	8/50 (16%)	12/50 (24%)	8/50 (16%)	11/50 (22%)	12/50 (24%)
LITTERS (b)	8/25 (32%)	11/25 (44%)	7/25 (28%)	10/25 (40%)	9/25 (36%)
POLY-3 RATE (c)	8/39.76	12/44.63	8/45.93	11/44.17	12/45.29
POLY-3 PERCENT (g)	20.1%	26.9%	17.4%	24.9%	26.5%
TERMINAL (d)	5/25 (20%)	8/34 (24%)	7/34 (21%)	11/37 (30%)	9/31 (29%)
FIRST INCIDENCE	541	588	565	729 (T)	597
STATISTICAL TESTS					
POLY 3	P=0.303	P=0.318	P=0.483N	P=0.397	P=0.332
POLY 1.5	P=0.279	P=0.280	P=0.532N	P=0.349	P=0.291
POLY 6	P=0.322	P=0.372	P=0.427N	P=0.465	P=0.377
RAO-SCOTT	P=0.309	P=0.320	P=0.477N	P=0.394	P=0.333
LITTER C-A/FISHERS	P=0.500	P=0.280	P=0.500N	P=0.384	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Parathyroid Gland Hyperplasia					
LESION RATES					
OVERALL (a)	5/49 (10%)	4/46 (9%)	2/46 (4%)	5/44 (11%)	1/45 (2%)
LITTERS (b)	5/25 (20%)	4/25 (16%)	2/25 (8%)	5/24 (21%)	1/25 (4%)
POLY-3 RATE (c)	5/39.98	4/41.77	2/41.95	5/41.47	1/40.57
POLY-3 PERCENT (g)	12.5%	9.6%	4.8%	12.1%	2.5%
TERMINAL (d)	1/25 (4%)	2/33 (6%)	2/32 (6%)	5/35 (14%)	1/29 (3%)
FIRST INCIDENCE	483	642	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.129N	P=0.472N	P=0.196N	P=0.608N	P=0.096N
POLY 1.5	P=0.133N	P=0.498N	P=0.213N	P=0.620	P=0.105N
POLY 6	P=0.129N	P=0.439N	P=0.178N	P=0.568N	P=0.090N
RAO-SCOTT	P=0.138N	P=0.470N	P=0.208N	P=0.601N	P=0.110N
LITTER C-A/FISHERS	P=0.118N	P=0.500N	P=0.209N	P=0.610	P=0.095N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Peripheral Nerve: Axon, Tibial Degeneration					
LESION RATES					
OVERALL (a)	1/3 (33%)	1/2 (50%)	2/4 (50%)	0/1 (0%)	0/4 (0%)
LITTERS (b)	1/3 (33%)	1/2 (50%)	2/3 (67%)	0/1 (0%)	0/4 (0%)
POLY-3 RATE (c)	1/2.32	1/1.64	2/4.00	0/0.04	0/3.11
POLY-3 PERCENT (g)	43.1%	60.9%	50%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/2 (0%)
FIRST INCIDENCE	617	721	721	---	---
STATISTICAL TESTS					
POLY 3	P=0.175N	P=0.720	P=0.711	P=0.840N	P=0.437N
POLY 1.5	P=0.176N	P=0.693	P=0.665	P=0.803N	P=0.446N
POLY 6	P=0.150N	P=0.788	P=0.745N	P=0.890N	P=0.404N
RAO-SCOTT	P=0.172N	P=0.717	P=0.729	(e)	P=0.412N
LITTER C-A/FISHERS	P=0.113N	P=0.700	P=0.500	P=0.750N	P=0.429N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Peripheral Nerve: Sciatic, Axon Degeneration					
LESION RATES					
OVERALL (a)	0/3 (0%)	1/2 (50%)	2/4 (50%)	0/1 (0%)	0/4 (0%)
LITTERS (b)	0/3 (0%)	1/2 (50%)	2/3 (67%)	0/1 (0%)	0/4 (0%)
POLY-3 RATE (c)	0/1.93	1/1.64	2/4.00	0/0.04	0/3.11
POLY-3 PERCENT (g)	0%	60.9%	50%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/2 (0%)
FIRST INCIDENCE	---	721	721	---	---
STATISTICAL TESTS					
POLY 3	P=0.260N	P=0.461	P=0.401	(e)	(e)
POLY 1.5	P=0.292N	P=0.434	P=0.335	(e)	(e)
POLY 6	P=0.189N	P=0.535	P=0.516	(e)	(e)
RAO-SCOTT	P=0.305N	P=0.401	P=0.350	(e)	(e)
LITTER C-A/FISHERS	P=0.261N	P=0.400	P=0.200	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Pituitary Gland: Pars Distalis Hyperplasia					
LESION RATES					
OVERALL (a)	18/50 (36%)	17/50 (34%)	22/50 (44%)	18/50 (36%)	12/49 (24%)
LITTERS (b)	16/25 (64%)	14/25 (56%)	16/25 (64%)	15/25 (60%)	11/25 (44%)
POLY-3 RATE (c)	18/40.97	17/45.04	22/46.21	18/44.87	12/44.68
POLY-3 PERCENT (g)	43.9%	37.8%	47.6%	40.1%	26.9%
TERMINAL (d)	10/25 (40%)	14/34 (41%)	19/34 (56%)	15/37 (41%)	9/30 (30%)
FIRST INCIDENCE	521	400	565	597	597
STATISTICAL TESTS					
POLY 3	P=0.047N*	P=0.356N	P=0.448	P=0.444N	P=0.072N
POLY 1.5	P=0.060N	P=0.406N	P=0.376	P=0.516N	P=0.096N
POLY 6	P=0.037N*	P=0.305N	P=0.528	P=0.352N	P=0.055N
RAO-SCOTT	P=0.054N	P=0.353N	P=0.442	P=0.437N	P=0.078N
LITTER C-A/FISHERS	P=0.100N	P=0.387N	P=0.616	P=0.500N	P=0.128N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Pituitary Gland: Pars Distalis					
Necrosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	0/44.17	0/43.56
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/30 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Preputial Gland Inflammation					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/38.54	0/43.68	0/45.39	0/44.17	1/44.56
POLY-3 PERCENT (g)	5.2%	0%	0%	0%	2.2%
TERMINAL (d)	2/25 (8%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	---	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.614N	P=0.210N	P=0.203N	P=0.208N	P=0.450N
POLY 1.5	P=0.602N	P=0.221N	P=0.216N	P=0.222N	P=0.468N
POLY 6	P=0.629N	P=0.197N	P=0.187N	P=0.190N	P=0.429N
RAO-SCOTT	P=0.606N	P=0.329N	P=0.325N	P=0.328N	P=0.524N
LITTER C-A/FISHERS	P=0.582N	P=0.245N	P=0.245N	P=0.245N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Prostate Inflammation Chronic					
LESION RATES					
OVERALL (a)	4/50 (8%)	3/50 (6%)	5/50 (10%)	8/50 (16%)	5/50 (10%)
LITTERS (b)	4/25 (16%)	3/25 (12%)	4/25 (16%)	8/25 (32%)	5/25 (20%)
POLY-3 RATE (c)	4/39.01	3/44.02	5/45.66	8/44.89	5/45.98
POLY-3 PERCENT (g)	10.3%	6.8%	11%	17.8%	10.9%
TERMINAL (d)	3/25 (12%)	2/34 (6%)	4/34 (12%)	6/37 (16%)	2/31 (7%)
FIRST INCIDENCE	592	637	657	485	414
STATISTICAL TESTS					
POLY 3	P=0.354	P=0.434N	P=0.598	P=0.251	P=0.602
POLY 1.5	P=0.327	P=0.460N	P=0.559	P=0.213	P=0.564
POLY 6	P=0.377	P=0.400N	P=0.631N	P=0.307	P=0.633N
RAO-SCOTT	P=0.356	P=0.425N	P=0.585	P=0.255	P=0.589
LITTER C-A/FISHERS	P=0.235	P=0.500N	P=0.649	P=0.160	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Prostate: Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	5/50 (10%)	0/50 (0%)	3/50 (6%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	5/25 (20%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/38.54	0/43.68	5/45.39	0/44.17	3/44.70
POLY-3 PERCENT (g)	0%	0%	11%	0%	6.7%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	5/34 (15%)	0/37 (0%)	2/31 (7%)
FIRST INCIDENCE	---	---	729 (T)	---	694
STATISTICAL TESTS					
POLY 3	P=0.190	(e)	P=0.047*	(e)	P=0.147
POLY 1.5	P=0.174	(e)	P=0.040*	(e)	P=0.136
POLY 6	P=0.209	(e)	P=0.057	(e)	P=0.161
RAO-SCOTT	P=0.243	(e)	P=0.100	(e)	P=0.225
LITTER C-A/FISHERS	P=0.151	(e)	P=0.025*	(e)	P=0.117

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Skeletal Muscle Degeneration					
LESION RATES					
OVERALL (a)	2/3 (67%)	0/0 (0%)	1/3 (33%)	0/1 (0%)	0/4 (0%)
LITTERS (b)	2/3 (67%)	0/0 (0%)	1/3 (33%)	0/1 (0%)	0/4 (0%)
POLY-3 RATE (c)	2/3.00	0/0.00	1/2.56	0/0.98	0/3.73
POLY-3 PERCENT (g)	66.7%	0%	39%	0%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/3 (0%)
FIRST INCIDENCE	592	---	721	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.570N	P=0.505N	P=0.102N
POLY 1.5	(e)	(e)	P=0.537N	P=0.502N	P=0.096N
POLY 6	(e)	(e)	P=0.620N	P=0.510N	P=0.115N
RAO-SCOTT	(e)	(e)	P=0.626N	(e)	P=0.240N
LITTER C-A/FISHERS	(e)	(e)	P=0.500N	P=0.500N	P=0.143N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Skin					
Cyst Epithelial Inclusion					
LESION RATES					
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	3/25 (12%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	3/43.71	1/45.39	1/44.17	1/44.56
POLY-3 PERCENT (g)	0%	6.9%	2.2%	2.3%	2.2%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	1/34 (3%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	---	721	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.507N	P=0.142	P=0.532	P=0.527	P=0.529
POLY 1.5	P=0.527N	P=0.133	P=0.519	P=0.514	P=0.518
POLY 6	P=0.485N	P=0.157	P=0.548	P=0.545	P=0.541
RAO-SCOTT	P=0.538N	P=0.173	P=0.542	P=0.533	P=0.536
LITTER C-A/FISHERS	P=0.559N	P=0.117	P=0.500	P=0.500	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Spleen					
Extramedullary Hematopoiesis					
LESION RATES					
OVERALL (a)	39/50 (78%)	38/50 (76%)	41/50 (82%)	43/50 (86%)	43/49 (88%)
LITTERS (b)	23/25 (92%)	24/25 (96%)	25/25 (100%)	24/25 (96%)	25/25 (100%)
POLY-3 RATE (c)	39/44.58	38/46.18	41/47.57	43/47.19	43/47.49
POLY-3 PERCENT (g)	87.5%	82.3%	86.2%	91.1%	90.5%
TERMINAL (d)	25/25 (100%)	32/34 (94%)	33/34 (97%)	36/37 (97%)	30/30 (100%)
FIRST INCIDENCE	314	414	565	246	414
STATISTICAL TESTS					
POLY 3	P=0.166	P=0.325N	P=0.555N	P=0.397	P=0.437
POLY 1.5	P=0.112	P=0.395N	P=0.568	P=0.267	P=0.299
POLY 6	P=0.248	P=0.231N	P=0.376N	P=0.654	P=0.654
RAO-SCOTT	P=0.193	P=0.337N	P=0.540N	P=0.401	P=0.438
LITTER C-A/FISHERS	P=0.184	P=0.500	P=0.245	P=0.500	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Spleen Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	1/44.04	1/45.60	0/44.17	2/44.28
POLY-3 PERCENT (g)	0%	2.3%	2.2%	0%	4.5%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/30 (0%)
FIRST INCIDENCE	---	629	674	---	597
STATISTICAL TESTS					
POLY 3	P=0.208	P=0.527	P=0.533	(e)	P=0.269
POLY 1.5	P=0.198	P=0.516	P=0.520	(e)	P=0.255
POLY 6	P=0.220	P=0.541	P=0.550	(e)	P=0.287
RAO-SCOTT	P=0.257	P=0.561	P=0.572	(e)	P=0.325
LITTER C-A/FISHERS	P=0.184	P=0.500	P=0.500	(e)	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Spleen Pigment					
LESION RATES					
OVERALL (a)	46/50 (92%)	45/50 (90%)	42/50 (84%)	44/50 (88%)	42/49 (86%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	24/25 (96%)	24/25 (96%)
POLY-3 RATE (c)	46/48.74	45/47.41	42/49.31	44/47.85	42/48.07
POLY-3 PERCENT (g)	94.4%	94.9%	85.2%	92%	87.4%
TERMINAL (d)	24/25 (96%)	34/34 (100%)	31/34 (91%)	35/37 (95%)	28/30 (93%)
FIRST INCIDENCE	239	400	270	277	414
STATISTICAL TESTS					
POLY 3	P=0.158N	P=0.654	P=0.110N	P=0.471N	P=0.185N
POLY 1.5	P=0.193N	P=0.625N	P=0.128N	P=0.483N	P=0.199N
POLY 6	P=0.135N	P=0.514	P=0.104N	P=0.437N	P=0.194N
RAO-SCOTT	P=0.193N	P=0.639	P=0.144N	P=0.488N	P=0.225N
LITTER C-A/FISHERS	P=0.157N	P=1.000	P=1.000	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Spleen: White Pulp Atrophy					
LESION RATES					
OVERALL (a)	15/50 (30%)	10/50 (20%)	13/50 (26%)	9/50 (18%)	8/49 (16%)
LITTERS (b)	12/25 (48%)	10/25 (40%)	12/25 (48%)	9/25 (36%)	7/25 (28%)
POLY-3 RATE (c)	15/45.14	10/47.42	13/49.23	9/47.84	8/45.53
POLY-3 PERCENT (g)	33.2%	21.1%	26.4%	18.8%	17.6%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	1/34 (3%)	2/37 (5%)	1/30 (3%)
FIRST INCIDENCE	239	414	270	171	574
STATISTICAL TESTS					
POLY 3	P=0.078N	P=0.139N	P=0.309N	P=0.087N	P=0.068N
POLY 1.5	P=0.078N	P=0.153N	P=0.346N	P=0.100N	P=0.073N
POLY 6	P=0.080N	P=0.124N	P=0.272N	P=0.074N	P=0.065N
RAO-SCOTT	P=0.083N	P=0.148N	P=0.316N	P=0.096N	P=0.077N
LITTER C-A/FISHERS	P=0.078N	P=0.388N	P=0.611	P=0.284N	P=0.122N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Stomach, Forestomach Inflammation Acute					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/39.51	0/43.68	2/45.91	0/44.17	0/44.56
POLY-3 PERCENT (g)	2.5%	0%	4.4%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	239	---	571	---	---
STATISTICAL TESTS					
POLY 3	P=0.255N	P=0.480N	P=0.552	P=0.478N	P=0.476N
POLY 1.5	P=0.262N	P=0.489N	P=0.530	P=0.490N	P=0.486N
POLY 6	P=0.249N	P=0.468N	P=0.580	P=0.460N	P=0.465N
RAO-SCOTT	P=0.347N	P=0.581N	P=0.603	P=0.581N	P=0.581N
LITTER C-A/FISHERS	P=0.268N	P=0.500N	P=0.500	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Stomach, Forestomach Inflammation Chronic					
LESION RATES					
OVERALL (a)	5/50 (10%)	3/50 (6%)	3/50 (6%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	5/25 (20%)	3/25 (12%)	3/25 (12%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	5/39.71	3/44.06	3/45.56	2/44.57	2/45.19
POLY-3 PERCENT (g)	12.6%	6.8%	6.6%	4.5%	4.4%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	615	629	695	614	639
STATISTICAL TESTS					
POLY 3	P=0.158N	P=0.300N	P=0.283N	P=0.171N	P=0.166N
POLY 1.5	P=0.164N	P=0.321N	P=0.311N	P=0.192N	P=0.184N
POLY 6	P=0.153N	P=0.276N	P=0.255N	P=0.146N	P=0.151N
RAO-SCOTT	P=0.155N	P=0.297N	P=0.282N	P=0.174N	P=0.170N
LITTER C-A/FISHERS	P=0.165N	P=0.351N	P=0.351N	P=0.209N	P=0.209N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Stomach, Forestomach Ulcer					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	3/39.28	0/43.68	1/45.43	1/44.57	1/44.89
POLY-3 PERCENT (g)	7.6%	0%	2.2%	2.2%	2.2%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	615	---	721	614	639
STATISTICAL TESTS					
POLY 3	P=0.392N	P=0.100N	P=0.255N	P=0.261N	P=0.259N
POLY 1.5	P=0.390N	P=0.107N	P=0.274N	P=0.282N	P=0.275N
POLY 6	P=0.397N	P=0.093N	P=0.235N	P=0.235N	P=0.243N
RAO-SCOTT	P=0.390N	P=0.140N	P=0.293N	P=0.298N	P=0.296N
LITTER C-A/FISHERS	P=0.384N	P=0.117N	P=0.305N	P=0.305N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Stomach, Forestomach: Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	6/50 (12%)	2/50 (4%)	5/50 (10%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	6/25 (24%)	2/25 (8%)	5/25 (20%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	6/39.71	2/43.70	5/45.56	2/44.57	2/45.19
POLY-3 PERCENT (g)	15.1%	4.6%	11%	4.5%	4.4%
TERMINAL (d)	1/25 (4%)	1/34 (3%)	3/34 (9%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	615	725	695	614	639
STATISTICAL TESTS					
POLY 3	P=0.108N	P=0.103N	P=0.404N	P=0.098N	P=0.094N
POLY 1.5	P=0.114N	P=0.113N	P=0.441N	P=0.114N	P=0.107N
POLY 6	P=0.103N	P=0.091N	P=0.365N	P=0.080N	P=0.083N
RAO-SCOTT	P=0.116N	P=0.117N	P=0.406N	P=0.112N	P=0.109N
LITTER C-A/FISHERS	P=0.115N	P=0.123N	P=0.500N	P=0.123N	P=0.123N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Stomach, Glandular Mineral					
LESION RATES					
OVERALL (a)	7/50 (14%)	5/50 (10%)	3/50 (6%)	2/50 (4%)	5/50 (10%)
LITTERS (b)	6/25 (24%)	5/25 (20%)	3/25 (12%)	2/25 (8%)	5/25 (20%)
POLY-3 RATE (c)	7/41.61	5/44.44	3/45.74	2/44.17	5/44.56
POLY-3 PERCENT (g)	16.8%	11.3%	6.6%	4.5%	11.2%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	1/34 (3%)	2/37 (5%)	5/31 (16%)
FIRST INCIDENCE	483	554	672	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.340N	P=0.333N	P=0.121N	P=0.064N	P=0.331N
POLY 1.5	P=0.342N	P=0.349N	P=0.134N	P=0.072N	P=0.345N
POLY 6	P=0.341N	P=0.312N	P=0.107N	P=0.055N	P=0.321N
RAO-SCOTT	P=0.337N	P=0.343N	P=0.139N	P=0.081N	P=0.341N
LITTER C-A/FISHERS	P=0.433N	P=0.500N	P=0.232N	P=0.123N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Testis					
Mineral					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	2/25 (8%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	1/43.68	2/45.46	1/44.17	1/44.64
POLY-3 PERCENT (g)	0%	2.3%	4.4%	2.3%	2.2%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	713	729 (T)	710
STATISTICAL TESTS					
POLY 3	P=0.555	P=0.525	P=0.276	P=0.527	P=0.529
POLY 1.5	P=0.535	P=0.515	P=0.260	P=0.514	P=0.518
POLY 6	P=0.575	P=0.538	P=0.296	P=0.545	P=0.541
RAO-SCOTT	P=0.531	P=0.506	P=0.282	P=0.510	P=0.513
LITTER C-A/FISHERS	P=0.500	P=0.500	P=0.245	P=0.500	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Testis					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	13/50 (26%)	13/50 (26%)	9/50 (18%)	9/50 (18%)	3/50 (6%)
LITTERS (b)	10/25 (40%)	9/25 (36%)	8/25 (32%)	8/25 (32%)	3/25 (12%)
POLY-3 RATE (c)	13/41.31	13/44.48	9/45.77	9/44.25	3/45.24
POLY-3 PERCENT (g)	31.5%	29.2%	19.7%	20.3%	6.6%
TERMINAL (d)	5/25 (20%)	9/34 (27%)	6/34 (18%)	7/37 (19%)	2/31 (7%)
FIRST INCIDENCE	571	642	672	713	501
STATISTICAL TESTS					
POLY 3	P<0.001N**	P=0.504N	P=0.153N	P=0.175N	P=0.002N**
POLY 1.5	P=0.002N**	P=0.534N	P=0.180N	P=0.203N	P=0.003N**
POLY 6	P<0.001N**	P=0.469N	P=0.128N	P=0.144N	P=0.002N**
RAO-SCOTT	P=0.006N**	P=0.515N	P=0.199N	P=0.220N	P=0.011N*
LITTER C-A/FISHERS	P=0.017N*	P=0.500N	P=0.384N	P=0.384N	P=0.025N*

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Testis: Germinal Epithelium Degeneration					
LESION RATES					
OVERALL (a)	21/50 (42%)	15/50 (30%)	14/50 (28%)	13/50 (26%)	8/50 (16%)
LITTERS (b)	14/25 (56%)	12/25 (48%)	12/25 (48%)	10/25 (40%)	8/25 (32%)
POLY-3 RATE (c)	21/42.72	15/44.21	14/47.23	13/45.27	8/45.44
POLY-3 PERCENT (g)	49.2%	33.9%	29.7%	28.7%	17.6%
TERMINAL (d)	9/25 (36%)	11/34 (32%)	8/34 (24%)	10/37 (27%)	3/31 (10%)
FIRST INCIDENCE	483	642	565	485	635
STATISTICAL TESTS					
POLY 3	P=0.003N**	P=0.106N	P=0.043N*	P=0.037N*	P<0.001N**
POLY 1.5	P=0.003N**	P=0.117N	P=0.061N	P=0.050N*	P<0.001N**
POLY 6	P=0.002N**	P=0.097N	P=0.030N*	P=0.025N*	P<0.001N**
RAO-SCOTT	P=0.006N**	P=0.133N	P=0.064N	P=0.056N	P=0.004N**
LITTER C-A/FISHERS	P=0.049N*	P=0.389N	P=0.389N	P=0.198N	P=0.077N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Testis: Interstitial Cell Hyperplasia					
LESION RATES					
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	3/25 (12%)
POLY-3 RATE (c)	3/38.67	1/43.68	0/45.39	2/44.62	3/44.56
POLY-3 PERCENT (g)	7.8%	2.3%	0%	4.5%	6.7%
TERMINAL (d)	2/25 (8%)	1/34 (3%)	0/34 (0%)	1/37 (3%)	3/31 (10%)
FIRST INCIDENCE	697	729 (T)	---	597	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.318	P=0.263N	P=0.092N	P=0.435N	P=0.595N
POLY 1.5	P=0.319	P=0.279N	P=0.102N	P=0.467N	P=0.620N
POLY 6	P=0.312	P=0.242N	P=0.082N	P=0.393N	P=0.568N
RAO-SCOTT	P=0.375	P=0.291N	P=0.126N	P=0.449N	P=0.592N
LITTER C-A/FISHERS	P=0.312	P=0.305N	P=0.117N	P=0.500N	P=0.666

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Thymus Atrophy					
LESION RATES					
OVERALL (a)	44/49 (90%)	43/45 (96%)	45/47 (96%)	47/50 (94%)	43/48 (90%)
LITTERS (b)	24/25 (96%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	24/25 (96%)
POLY-3 RATE (c)	44/47.30	43/44.17	45/46.44	47/49.55	43/47.51
POLY-3 PERCENT (g)	93%	97.4%	96.9%	94.9%	90.5%
TERMINAL (d)	23/24 (96%)	31/32 (97%)	33/33 (100%)	35/37 (95%)	28/30 (93%)
FIRST INCIDENCE	239	414	270	171	414
STATISTICAL TESTS					
POLY 3	P=0.169N	P=0.303	P=0.336	P=0.521	P=0.470N
POLY 1.5	P=0.214N	P=0.274	P=0.301	P=0.460	P=0.515N
POLY 6	P=0.147N	P=0.370	P=0.377	P=0.586	P=0.437N
RAO-SCOTT	P=0.204N	P=0.340	P=0.372	P=0.533	P=0.485N
LITTER C-A/FISHERS	P=0.500N	P=0.500	P=0.500	P=0.500	P=0.755

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Thymus					
Ectopic Tissue Parathyroid Gland					
LESION RATES					
OVERALL (a)	2/49 (4%)	0/45 (0%)	0/47 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/38.10	0/39.68	0/42.79	0/44.17	0/42.73
POLY-3 PERCENT (g)	5.3%	0%	0%	0%	0%
TERMINAL (d)	1/24 (4%)	0/32 (0%)	0/33 (0%)	0/37 (0%)	0/30 (0%)
FIRST INCIDENCE	554	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.178N	P=0.228N	P=0.212N	P=0.205N	P=0.212N
POLY 1.5	P=0.169N	P=0.239N	P=0.226N	P=0.219N	P=0.223N
POLY 6	P=0.191N	P=0.213N	P=0.197N	P=0.189N	P=0.201N
RAO-SCOTT	P=0.287N	P=0.384N	P=0.372N	P=0.361N	P=0.369N
LITTER C-A/FISHERS	P=0.157N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Thymus Hyperplasia Lymphocyte					
LESION RATES					
OVERALL (a)	2/49 (4%)	0/45 (0%)	0/47 (0%)	0/50 (0%)	1/48 (2%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/37.89	0/39.68	0/42.79	0/44.17	1/42.85
POLY-3 PERCENT (g)	5.3%	0%	0%	0%	2.3%
TERMINAL (d)	1/24 (4%)	0/32 (0%)	0/33 (0%)	0/37 (0%)	0/30 (0%)
FIRST INCIDENCE	633	---	---	---	699
STATISTICAL TESTS					
POLY 3	P=0.609N	P=0.227N	P=0.211N	P=0.204N	P=0.457N
POLY 1.5	P=0.596N	P=0.238N	P=0.225N	P=0.218N	P=0.476N
POLY 6	P=0.625N	P=0.212N	P=0.195N	P=0.187N	P=0.437N
RAO-SCOTT	P=0.601N	P=0.347N	P=0.335N	P=0.324N	P=0.530N
LITTER C-A/FISHERS	P=0.582N	P=0.245N	P=0.245N	P=0.245N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Thymus					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	1/49 (2%)	0/45 (0%)	0/47 (0%)	2/50 (4%)	1/48 (2%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	1/37.54	0/39.68	0/42.79	2/44.19	1/43.40
POLY-3 PERCENT (g)	2.7%	0%	0%	4.5%	2.3%
TERMINAL (d)	1/24 (4%)	0/32 (0%)	0/33 (0%)	1/37 (3%)	0/30 (0%)
FIRST INCIDENCE	729 (T)	---	---	725	501
STATISTICAL TESTS					
POLY 3	P=0.386	P=0.489N	P=0.474N	P=0.556	P=0.727N
POLY 1.5	P=0.382	P=0.500N	P=0.488N	P=0.532	P=0.742N
POLY 6	P=0.384	P=0.473N	P=0.457N	P=0.589	P=0.710N
RAO-SCOTT	P=0.442	P=0.537N	P=0.528N	P=0.575	P=0.729N
LITTER C-A/FISHERS	P=0.360	P=0.500N	P=0.500N	P=0.500	P=0.755

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Thyroid Gland: C-Cell Hyperplasia					
LESION RATES					
OVERALL (a)	12/50 (24%)	6/50 (12%)	5/50 (10%)	9/50 (18%)	12/49 (24%)
LITTERS (b)	11/25 (44%)	6/25 (24%)	5/25 (20%)	8/25 (32%)	11/25 (44%)
POLY-3 RATE (c)	12/40.63	6/43.68	5/45.66	9/45.04	12/43.82
POLY-3 PERCENT (g)	29.5%	13.7%	11%	20%	27.4%
TERMINAL (d)	7/25 (28%)	6/34 (18%)	4/34 (12%)	6/37 (16%)	11/31 (36%)
FIRST INCIDENCE	541	729 (T)	657	485	710
STATISTICAL TESTS					
POLY 3	P=0.207	P=0.063N	P=0.027N*	P=0.219N	P=0.509N
POLY 1.5	P=0.201	P=0.074N	P=0.035N*	P=0.262N	P=0.544N
POLY 6	P=0.207	P=0.054N	P=0.020N*	P=0.170N	P=0.480N
RAO-SCOTT	P=0.243	P=0.073N	P=0.034N*	P=0.225N	P=0.503N
LITTER C-A/FISHERS	P=0.229	P=0.116N	P=0.064N	P=0.280N	P=0.612

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Urinary Bladder Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	1/44.08	0/45.39	1/44.19	1/44.90
POLY-3 PERCENT (g)	0%	2.3%	0%	2.3%	2.2%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	616	---	725	635
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Cortex					
Angiectasis					
LESION RATES					
OVERALL (a)	5/50 (10%)	6/50 (12%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	5/25 (20%)	6/25 (24%)	0/25 (0%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	5/36.32	6/42.03	0/42.45	1/43.65	2/42.08
POLY-3 PERCENT (g)	13.8%	14.3%	0%	2.3%	4.8%
TERMINAL (d)	2/22 (9%)	4/31 (13%)	0/33 (0%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	634	670	---	731 (T)	658
STATISTICAL TESTS					
POLY 3	P=0.073N	P=0.603	P=0.019N*	P=0.064N	P=0.159N
POLY 1.5	P=0.076N	P=0.565	P=0.023N*	P=0.078N	P=0.178N
POLY 6	P=0.070N	P=0.613N	P=0.016N*	P=0.051N	P=0.141N
RAO-SCOTT	P=0.095N	P=0.591	P=0.037N*	P=0.093N	P=0.190N
LITTER C-A/FISHERS	P=0.080N	P=0.500	P=0.025N*	P=0.095N	P=0.209N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Cortex Degeneration Cystic					
LESION RATES					
OVERALL (a)	8/50 (16%)	8/50 (16%)	4/50 (8%)	10/50 (20%)	5/50 (10%)
LITTERS (b)	8/25 (32%)	7/25 (28%)	4/25 (16%)	10/25 (40%)	5/25 (20%)
POLY-3 RATE (c)	8/36.93	8/42.41	4/42.45	10/43.73	5/42.65
POLY-3 PERCENT (g)	21.7%	18.9%	9.4%	22.9%	11.7%
TERMINAL (d)	4/22 (18%)	7/31 (23%)	4/33 (12%)	8/34 (24%)	3/33 (9%)
FIRST INCIDENCE	603	494	731 (T)	710	596
STATISTICAL TESTS					
POLY 3	P=0.262N	P=0.488N	P=0.113N	P=0.555	P=0.186N
POLY 1.5	P=0.282N	P=0.530N	P=0.134N	P=0.491	P=0.216N
POLY 6	P=0.242N	P=0.449N	P=0.094N	P=0.585N	P=0.159N
RAO-SCOTT	P=0.250N	P=0.468N	P=0.108N	P=0.536	P=0.176N
LITTER C-A/FISHERS	P=0.361N	P=0.500N	P=0.160N	P=0.384	P=0.260N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Cortex					
Hyperplasia Focal					
LESION RATES					
OVERALL (a)	2/50 (4%)	7/50 (14%)	2/50 (4%)	3/50 (6%)	2/50 (4%)
LITTERS (b)	2/25 (8%)	7/25 (28%)	2/25 (8%)	3/25 (12%)	2/25 (8%)
POLY-3 RATE (c)	2/36.02	7/42.18	2/42.51	3/43.65	2/41.81
POLY-3 PERCENT (g)	5.6%	16.6%	4.7%	6.9%	4.8%
TERMINAL (d)	1/22 (5%)	5/31 (16%)	1/33 (3%)	3/34 (9%)	2/33 (6%)
FIRST INCIDENCE	630	596	715	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.201N	P=0.120	P=0.633N	P=0.587	P=0.639N
POLY 1.5	P=0.220N	P=0.104	P=0.657N	P=0.551	P=0.659N
POLY 6	P=0.183N	P=0.142	P=0.604N	P=0.628	P=0.618N
RAO-SCOTT	P=0.226N	P=0.124	P=0.602N	P=0.561	P=0.607N
LITTER C-A/FISHERS	P=0.254N	P=0.069	P=0.695	P=0.500	P=0.695

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Cortex					
Hypertrophy Focal					
LESION RATES					
OVERALL (a)	8/50 (16%)	3/50 (6%)	6/50 (12%)	3/50 (6%)	9/50 (18%)
LITTERS (b)	7/25 (28%)	3/25 (12%)	6/25 (24%)	3/25 (12%)	9/25 (36%)
POLY-3 RATE (c)	8/36.61	3/41.71	6/42.55	3/43.65	9/42.80
POLY-3 PERCENT (g)	21.9%	7.2%	14.1%	6.9%	21%
TERMINAL (d)	4/22 (18%)	3/31 (10%)	5/33 (15%)	3/34 (9%)	7/33 (21%)
FIRST INCIDENCE	596	731 (T)	704	731 (T)	580
STATISTICAL TESTS					
POLY 3	P=0.274	P=0.060N	P=0.272N	P=0.051N	P=0.573N
POLY 1.5	P=0.263	P=0.072N	P=0.314N	P=0.068N	P=0.591
POLY 6	P=0.287	P=0.049N*	P=0.231N	P=0.037N*	P=0.522N
RAO-SCOTT	P=0.319	P=0.068N	P=0.273N	P=0.060N	P=0.557N
LITTER C-A/FISHERS	P=0.162	P=0.145N	P=0.500N	P=0.145N	P=0.381

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Cortex					
Necrosis					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/36.36	0/41.71	1/42.45	0/43.65	1/42.25
POLY-3 PERCENT (g)	5.5%	0%	2.4%	0%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	593	---	731 (T)	---	602
STATISTICAL TESTS					
POLY 3	P=0.509N	P=0.207N	P=0.446N	P=0.199N	P=0.448N
POLY 1.5	P=0.506N	P=0.218N	P=0.466N	P=0.214N	P=0.466N
POLY 6	P=0.513N	P=0.197N	P=0.424N	P=0.182N	P=0.428N
RAO-SCOTT	P=0.502N	P=0.270N	P=0.479N	P=0.265N	P=0.480N
LITTER C-A/FISHERS	P=0.500N	P=0.245N	P=0.500N	P=0.245N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Cortex: Bilateral Hypertrophy Focal					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	3/35.92	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	8.4%	0%	0%	0%	0%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	661	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.090N	P=0.093N	P=0.091N	P=0.087N	P=0.093N
POLY 1.5	P=0.083N	P=0.102N	P=0.101N	P=0.099N	P=0.102N
POLY 6	P=0.099N	P=0.085N	P=0.081N	P=0.075N	P=0.085N
RAO-SCOTT	P=0.170N	P=0.214N	P=0.212N	P=0.208N	P=0.214N
LITTER C-A/FISHERS	P=0.074N	P=0.117N	P=0.117N	P=0.117N	P=0.117N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Adrenal Medulla Hyperplasia Focal					
LESION RATES					
OVERALL (a)	9/50 (18%)	11/50 (22%)	8/50 (16%)	6/50 (12%)	1/48 (2%)
LITTERS (b)	8/25 (32%)	10/25 (40%)	8/25 (32%)	5/25 (20%)	1/25 (4%)
POLY-3 RATE (c)	9/36.15	11/42.73	8/43.45	6/43.67	1/40.43
POLY-3 PERCENT (g)	24.9%	25.7%	18.4%	13.7%	2.5%
TERMINAL (d)	7/22 (32%)	7/31 (23%)	6/33 (18%)	5/34 (15%)	1/33 (3%)
FIRST INCIDENCE	634	596	564	725	731 (T)
STATISTICAL TESTS					
POLY 3	P<0.001N**	P=0.569	P=0.335N	P=0.163N	P=0.004N**
POLY 1.5	P<0.001N**	P=0.504	P=0.398N	P=0.210N	P=0.005N**
POLY 6	P<0.001N**	P=0.563N	P=0.267N	P=0.117N	P=0.003N**
RAO-SCOTT	P=0.002N**	P=0.555	P=0.337N	P=0.175N	P=0.008N**
LITTER C-A/FISHERS	P=0.002N**	P=0.384	P=0.619	P=0.260N	P=0.012N*

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Blood Vessel Degeneration Hyaline					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Blood Vessel					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/36.13	0/41.71	2/42.45	1/43.65	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	4.7%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	2/33 (6%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	593	---	731 (T)	731 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.339N	P=0.471N	P=0.556	P=0.717N	P=0.471N
POLY 1.5	P=0.346N	P=0.482N	P=0.535	P=0.735N	P=0.481N
POLY 6	P=0.331N	P=0.460N	P=0.580	P=0.693N	P=0.460N
RAO-SCOTT	P=0.378N	P=0.502N	P=0.565	P=0.710N	P=0.502N
LITTER C-A/FISHERS	P=0.360N	P=0.500N	P=0.500	P=0.755	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Blood Vessel					
Mineral					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	0%	0%	0%
TERMINAL (d)	1/22 (5%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	731 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Bone Marrow Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	1/42.67	1/43.68	0/41.81
POLY-3 PERCENT (g)	0%	0%	2.3%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	673	724	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Bone Marrow					
Hypercellularity					
LESION RATES					
OVERALL (a)	37/50 (74%)	32/50 (64%)	39/50 (78%)	42/50 (84%)	40/50 (80%)
LITTERS (b)	23/25 (92%)	22/25 (88%)	24/25 (96%)	25/25 (100%)	24/25 (96%)
POLY-3 RATE (c)	37/48.61	32/48.86	39/50.00	42/49.97	40/49.62
POLY-3 PERCENT (g)	76.1%	65.5%	78%	84.1%	80.6%
TERMINAL (d)	12/22 (55%)	16/31 (52%)	22/33 (67%)	27/34 (79%)	24/33 (73%)
FIRST INCIDENCE	241	289	232	225	350
STATISTICAL TESTS					
POLY 3	P=0.112	P=0.173N	P=0.507	P=0.229	P=0.383
POLY 1.5	P=0.101	P=0.181N	P=0.466	P=0.200	P=0.356
POLY 6	P=0.126	P=0.165N	P=0.557	P=0.269	P=0.414
RAO-SCOTT	P=0.123	P=0.186N	P=0.511	P=0.242	P=0.391
LITTER C-A/FISHERS	P=0.205	P=0.500N	P=0.500	P=0.245	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Bone					
Increased Bone					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Bone: Joint Degeneration					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	2/42.99	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	4.7%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	564	---	---
STATISTICAL TESTS					
POLY 3	P=0.455N	(e)	P=0.281	(e)	(e)
POLY 1.5	P=0.472N	(e)	P=0.263	(e)	(e)
POLY 6	P=0.434N	(e)	P=0.303	(e)	(e)
RAO-SCOTT	P=0.549N	(e)	P=0.393	(e)	(e)
LITTER C-A/FISHERS	P=0.500N	(e)	P=0.245	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Brain					
Gliososis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	1/43.65	0/41.70
POLY-3 PERCENT (g)	0%	0%	0%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Brain Hemorrhage					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	3/50 (6%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	3/25 (12%)	0/25 (0%)
POLY-3 RATE (c)	1/35.89	1/41.90	0/42.45	3/43.99	0/41.70
POLY-3 PERCENT (g)	2.8%	2.4%	0%	6.8%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	2/34 (6%)	0/33 (0%)
FIRST INCIDENCE	669	683	---	634	---
STATISTICAL TESTS					
POLY 3	P=0.477N	P=0.725N	P=0.467N	P=0.381	P=0.470N
POLY 1.5	P=0.485N	P=0.739N	P=0.479N	P=0.349	P=0.482N
POLY 6	P=0.472N	P=0.709N	P=0.452N	P=0.422	P=0.458N
RAO-SCOTT	P=0.491N	P=0.708N	P=0.486N	P=0.406	P=0.489N
LITTER C-A/FISHERS	P=0.500N	P=0.755	P=0.500N	P=0.305	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Brain					
Necrosis					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/36.62	2/42.90	0/42.45	1/43.65	0/41.70
POLY-3 PERCENT (g)	2.7%	4.7%	0%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	241	494	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.221N	P=0.555	P=0.471N	P=0.720N	P=0.474N
POLY 1.5	P=0.228N	P=0.533	P=0.483N	P=0.738N	P=0.485N
POLY 6	P=0.214N	P=0.581	P=0.456N	P=0.695N	P=0.462N
RAO-SCOTT	P=0.278N	P=0.568	P=0.511N	P=0.716N	P=0.514N
LITTER C-A/FISHERS	P=0.236N	P=0.500	P=0.500N	P=0.755	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Eye: Cornea					
Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/41.55	0/43.65	0/41.70
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Eye: Retina					
Degeneration					
LESION RATES					
OVERALL (a)	3/50 (6%)	1/50 (2%)	2/49 (4%)	2/50 (4%)	1/49 (2%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	2/25 (8%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	3/35.66	1/41.72	2/41.55	2/43.67	1/41.70
POLY-3 PERCENT (g)	8.4%	2.4%	4.8%	4.6%	2.4%
TERMINAL (d)	3/22 (14%)	0/31 (0%)	2/33 (6%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	731 (T)	730	731 (T)	725	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.300N	P=0.251N	P=0.431N	P=0.409N	P=0.251N
POLY 1.5	P=0.306N	P=0.271N	P=0.461N	P=0.446N	P=0.272N
POLY 6	P=0.296N	P=0.229N	P=0.394N	P=0.363N	P=0.229N
RAO-SCOTT	P=0.288N	P=0.245N	P=0.415N	P=0.396N	P=0.247N
LITTER C-A/FISHERS	P=0.312N	P=0.305N	P=0.500N	P=0.500N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Heart					
Cardiomyopathy					
LESION RATES					
OVERALL (a)	7/50 (14%)	8/50 (16%)	4/50 (8%)	7/50 (14%)	6/50 (12%)
LITTERS (b)	6/25 (24%)	8/25 (32%)	4/25 (16%)	7/25 (28%)	6/25 (24%)
POLY-3 RATE (c)	7/37.11	8/42.98	4/42.45	7/43.68	6/43.13
POLY-3 PERCENT (g)	18.9%	18.6%	9.4%	16%	13.9%
TERMINAL (d)	4/22 (18%)	5/31 (16%)	4/33 (12%)	6/34 (18%)	4/33 (12%)
FIRST INCIDENCE	241	494	731 (T)	724	377
STATISTICAL TESTS					
POLY 3	P=0.377N	P=0.601N	P=0.186N	P=0.484N	P=0.384N
POLY 1.5	P=0.401N	P=0.575	P=0.215N	P=0.541N	P=0.427N
POLY 6	P=0.357N	P=0.547N	P=0.156N	P=0.413N	P=0.339N
RAO-SCOTT	P=0.367N	P=0.582N	P=0.180N	P=0.467N	P=0.370N
LITTER C-A/FISHERS	P=0.529N	P=0.377	P=0.363N	P=0.500	P=0.629

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Heart					
Mineral					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	1/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	1/33 (3%)
FIRST INCIDENCE	---	---	---	---	731 (T)
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Heart					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Heart: Endocardium Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Intestine Large, Cecum Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/48 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/24 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.30	0/41.55	0/42.62	0/40.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Intestine Large, Cecum Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/48 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/24 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.30	0/41.55	0/42.62	0/40.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Intestine Large, Colon					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	2/49 (4%)	1/50 (2%)	0/49 (0%)	2/49 (4%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	2/35.19	1/41.94	0/41.55	2/42.68	0/41.81
POLY-3 PERCENT (g)	5.7%	2.4%	0%	4.7%	0%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	0/33 (0%)	2/34 (6%)	0/33 (0%)
FIRST INCIDENCE	731 (T)	670	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.257N	P=0.439N	P=0.202N	P=0.623N	P=0.200N
POLY 1.5	P=0.256N	P=0.459N	P=0.215N	P=0.653N	P=0.212N
POLY 6	P=0.260N	P=0.416N	P=0.187N	P=0.584N	P=0.189N
RAO-SCOTT	P=0.283N	P=0.461N	P=0.253N	P=0.620N	P=0.250N
LITTER C-A/FISHERS	P=0.259N	P=0.500N	P=0.245N	P=0.695	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Intestine Large, Colon: Lymphoid Tissue Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	1/49 (2%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.71	0/41.55	1/42.68	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Intestine Large, Rectum					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	4/50 (8%)	7/50 (14%)	8/50 (16%)	6/49 (12%)	3/50 (6%)
LITTERS (b)	4/25 (16%)	6/25 (24%)	8/25 (32%)	6/25 (24%)	3/25 (12%)
POLY-3 RATE (c)	4/35.66	7/41.97	8/42.45	6/42.70	3/41.81
POLY-3 PERCENT (g)	11.2%	16.7%	18.9%	14.1%	7.2%
TERMINAL (d)	4/22 (18%)	6/31 (19%)	8/33 (24%)	4/34 (12%)	3/33 (9%)
FIRST INCIDENCE	731 (T)	661	731 (T)	725	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.149N	P=0.360	P=0.270	P=0.486	P=0.413N
POLY 1.5	P=0.172N	P=0.321	P=0.231	P=0.431	P=0.445N
POLY 6	P=0.128N	P=0.409	P=0.321	P=0.556	P=0.378N
RAO-SCOTT	P=0.169N	P=0.343	P=0.258	P=0.465	P=0.389N
LITTER C-A/FISHERS	P=0.245N	P=0.363	P=0.160	P=0.363	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Intestine Small, Jejunum Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.30	0/41.55	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Islets, Pancreatic Hyperplasia					
LESION RATES					
OVERALL (a)	3/49 (6%)	4/50 (8%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	2/25 (8%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	3/35.63	4/42.43	2/42.45	1/43.65	1/41.81
POLY-3 PERCENT (g)	8.4%	9.4%	4.7%	2.3%	2.4%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	2/33 (6%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	596	650	731 (T)	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.095N	P=0.595	P=0.421N	P=0.237N	P=0.250N
POLY 1.5	P=0.101N	P=0.564	P=0.447N	P=0.261N	P=0.266N
POLY 6	P=0.090N	P=0.630	P=0.392N	P=0.210N	P=0.233N
RAO-SCOTT	P=0.116N	P=0.580	P=0.420N	P=0.251N	P=0.262N
LITTER C-A/FISHERS	P=0.110N	P=0.500	P=0.500N	P=0.305N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney Infarct					
LESION RATES					
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	3/36.39	1/41.90	0/42.45	0/43.65	3/42.25
POLY-3 PERCENT (g)	8.2%	2.4%	0%	0%	7.1%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	2/33 (6%)
FIRST INCIDENCE	473	683	---	---	602
STATISTICAL TESTS					
POLY 3	P=0.384	P=0.256N	P=0.093N	P=0.089N	P=0.592N
POLY 1.5	P=0.388	P=0.274N	P=0.102N	P=0.101N	P=0.618N
POLY 6	P=0.377	P=0.235N	P=0.083N	P=0.077N	P=0.561N
RAO-SCOTT	P=0.460	P=0.312N	P=0.153N	P=0.149N	P=0.596N
LITTER C-A/FISHERS	P=0.392	P=0.305N	P=0.117N	P=0.117N	P=0.666

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney Inflammation, Suppurative					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	8/50 (16%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	8/25 (32%)
POLY-3 RATE (c)	3/35.88	0/41.71	0/42.45	0/43.65	8/41.81
POLY-3 PERCENT (g)	8.4%	0%	0%	0%	19.1%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	8/33 (24%)
FIRST INCIDENCE	673	---	---	---	731 (T)
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.093N	P=0.091N	P=0.087N	P=0.151
POLY 1.5	P<0.001**	P=0.102N	P=0.101N	P=0.099N	P=0.130
POLY 6	P<0.001**	P=0.084N	P=0.081N	P=0.075N	P=0.175
RAO-SCOTT	P=0.005**	P=0.145N	P=0.143N	P=0.139N	P=0.200
LITTER C-A/FISHERS	P<0.001**	P=0.117N	P=0.117N	P=0.117N	P=0.085

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney					
Nephropathy Chronic Progressive					
LESION RATES					
OVERALL (a)	41/50 (82%)	37/50 (74%)	33/50 (66%)	34/50 (68%)	36/50 (72%)
LITTERS (b)	23/25 (92%)	24/25 (96%)	23/25 (92%)	22/25 (88%)	24/25 (96%)
POLY-3 RATE (c)	41/46.01	37/45.86	33/45.20	34/45.08	36/45.35
POLY-3 PERCENT (g)	89.1%	80.7%	73%	75.4%	79.4%
TERMINAL (d)	19/22 (86%)	27/31 (87%)	27/33 (82%)	28/34 (82%)	29/33 (88%)
FIRST INCIDENCE	241	289	529	273	377
STATISTICAL TESTS					
POLY 3	P=0.231N	P=0.178N	P=0.032N*	P=0.059N	P=0.134N
POLY 1.5	P=0.222N	P=0.184N	P=0.037N*	P=0.064N	P=0.133N
POLY 6	P=0.278N	P=0.209N	P=0.035N*	P=0.063N	P=0.185N
RAO-SCOTT	P=0.250N	P=0.197N	P=0.044N*	P=0.074N	P=0.157N
LITTER C-A/FISHERS	P=0.500	P=0.500	P=0.695	P=0.500N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney: Pelvis					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	2/42.21	1/42.55	0/43.65	1/41.81
POLY-3 PERCENT (g)	0%	4.7%	2.4%	0%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	1/33 (3%)
FIRST INCIDENCE	---	584	704	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.590N	P=0.276	P=0.535	(e)	P=0.532
POLY 1.5	P=0.608N	P=0.261	P=0.521	(e)	P=0.520
POLY 6	P=0.569N	P=0.295	P=0.551	(e)	P=0.544
RAO-SCOTT	P=0.616N	P=0.318	P=0.551	(e)	P=0.546
LITTER C-A/FISHERS	P=0.640	P=0.245	P=0.500	(e)	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney: Renal Tubule Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/36.13	0/41.71	0/42.45	1/44.62	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	0%	2.2%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	593	---	---	225	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney: Renal Tubule Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	0/41.71	1/42.45	1/43.89	1/42.21
POLY-3 PERCENT (g)	0%	0%	2.4%	2.3%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	731 (T)	665	618
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Kidney: Renal Tubule Hyperplasia Atypical					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	2/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	4.6%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	2/34 (6%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.529	(e)	(e)	P=0.285	(e)
POLY 1.5	P=0.521	(e)	(e)	P=0.264	(e)
POLY 6	P=0.535	(e)	(e)	P=0.312	(e)
RAO-SCOTT	P=0.578	(e)	(e)	P=0.396	(e)
LITTER C-A/FISHERS	P=0.500	(e)	(e)	P=0.245	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Angiectasis					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/35.66	0/41.71	2/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	4.7%	0%	0%
TERMINAL (d)	1/22 (5%)	0/31 (0%)	2/33 (6%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	731 (T)	---	731 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.252N	P=0.469N	P=0.560	P=0.460N	P=0.468N
POLY 1.5	P=0.259N	P=0.480N	P=0.537	P=0.477N	P=0.480N
POLY 6	P=0.246N	P=0.455N	P=0.588	P=0.440N	P=0.455N
RAO-SCOTT	P=0.332N	P=0.545N	P=0.590	P=0.544N	P=0.545N
LITTER C-A/FISHERS	P=0.268N	P=0.500N	P=0.500	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Basophilic Focus					
LESION RATES					
OVERALL (a)	5/50 (10%)	7/50 (14%)	9/50 (18%)	8/50 (16%)	10/50 (20%)
LITTERS (b)	5/25 (20%)	6/25 (24%)	8/25 (32%)	7/25 (28%)	9/25 (36%)
POLY-3 RATE (c)	5/37.13	7/42.04	9/43.97	8/43.65	10/42.26
POLY-3 PERCENT (g)	13.5%	16.7%	20.5%	18.3%	23.7%
TERMINAL (d)	1/22 (5%)	4/31 (13%)	6/33 (18%)	8/34 (24%)	9/33 (27%)
FIRST INCIDENCE	575	670	232	731 (T)	600
STATISTICAL TESTS					
POLY 3	P=0.177	P=0.468	P=0.297	P=0.387	P=0.191
POLY 1.5	P=0.163	P=0.437	P=0.258	P=0.341	P=0.169
POLY 6	P=0.191	P=0.501	P=0.339	P=0.443	P=0.214
RAO-SCOTT	P=0.182	P=0.456	P=0.296	P=0.381	P=0.197
LITTER C-A/FISHERS	P=0.145	P=0.500	P=0.260	P=0.371	P=0.173

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Clear Cell Focus					
LESION RATES					
OVERALL (a)	11/50 (22%)	14/50 (28%)	10/50 (20%)	9/50 (18%)	13/50 (26%)
LITTERS (b)	11/25 (44%)	12/25 (48%)	10/25 (40%)	8/25 (32%)	10/25 (40%)
POLY-3 RATE (c)	11/35.69	14/41.71	10/42.99	9/43.65	13/41.81
POLY-3 PERCENT (g)	30.8%	33.6%	23.3%	20.6%	31.1%
TERMINAL (d)	10/22 (46%)	14/31 (45%)	9/33 (27%)	9/34 (27%)	13/33 (39%)
FIRST INCIDENCE	725	731 (T)	564	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.503N	P=0.495	P=0.308N	P=0.217N	P=0.588
POLY 1.5	P=0.538N	P=0.426	P=0.382N	P=0.289N	P=0.520
POLY 6	P=0.469N	P=0.579	P=0.227N	P=0.143N	P=0.533N
RAO-SCOTT	P=0.489N	P=0.480	P=0.303N	P=0.216N	P=0.569
LITTER C-A/FISHERS	P=0.326N	P=0.500	P=0.500N	P=0.280N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Degeneration Cystic					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/35.66	0/41.71	1/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	2.4%	0%	0%
TERMINAL (d)	1/22 (5%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	731 (T)	---	731 (T)	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Eosinophilic Focus					
LESION RATES					
OVERALL (a)	5/50 (10%)	2/50 (4%)	13/50 (26%)	18/50 (36%)	25/50 (50%)
LITTERS (b)	4/25 (16%)	2/25 (8%)	10/25 (40%)	15/25 (60%)	18/25 (72%)
POLY-3 RATE (c)	5/35.75	2/42.05	13/42.99	18/44.28	25/42.04
POLY-3 PERCENT (g)	14%	4.8%	30.2%	40.7%	59.5%
TERMINAL (d)	4/22 (18%)	1/31 (3%)	12/33 (36%)	15/34 (44%)	24/33 (73%)
FIRST INCIDENCE	709	638	564	632	670
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.154N	P=0.073	P=0.007**	P<0.001**
POLY 1.5	P<0.001**	P=0.176N	P=0.053	P=0.004**	P<0.001**
POLY 6	P<0.001**	P=0.131N	P=0.104	P=0.017*	P<0.001**
RAO-SCOTT	P<0.001**	P=0.158N	P=0.084	P=0.012*	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.334N	P=0.057	P=0.002**	P<0.001**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Fatty Change					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Hepatodiaphragmatic Nodule					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	2/42.24	1/42.45	0/43.65	1/41.81
POLY-3 PERCENT (g)	0%	4.7%	2.4%	0%	2.4%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	1/33 (3%)	0/34 (0%)	1/33 (3%)
FIRST INCIDENCE	---	568	731 (T)	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.590N	P=0.277	P=0.535	(e)	P=0.532
POLY 1.5	P=0.608N	P=0.261	P=0.521	(e)	P=0.520
POLY 6	P=0.568N	P=0.295	P=0.550	(e)	P=0.544
RAO-SCOTT	P=0.615N	P=0.314	P=0.546	(e)	P=0.542
LITTER C-A/FISHERS	P=0.640	P=0.245	P=0.500	(e)	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver					
Mixed Cell Focus					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	7/50 (14%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	7/25 (28%)
POLY-3 RATE (c)	2/35.75	0/41.71	1/42.45	1/43.65	7/41.81
POLY-3 PERCENT (g)	5.6%	0%	2.4%	2.3%	16.7%
TERMINAL (d)	1/22 (5%)	0/31 (0%)	1/33 (3%)	1/34 (3%)	7/33 (21%)
FIRST INCIDENCE	709	---	731 (T)	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.204N	P=0.440N	P=0.431N	P=0.120
POLY 1.5	P<0.001**	P=0.216N	P=0.463N	P=0.459N	P=0.104
POLY 6	P<0.001**	P=0.191N	P=0.414N	P=0.397N	P=0.140
RAO-SCOTT	P=0.007**	P=0.239N	P=0.452N	P=0.446N	P=0.156
LITTER C-A/FISHERS	P<0.001**	P=0.245N	P=0.500N	P=0.500N	P=0.069

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver Necrosis					
LESION RATES					
OVERALL (a)	6/50 (12%)	2/50 (4%)	3/50 (6%)	5/50 (10%)	3/50 (6%)
LITTERS (b)	6/25 (24%)	2/25 (8%)	3/25 (12%)	5/25 (20%)	3/25 (12%)
POLY-3 RATE (c)	6/39.38	2/42.88	3/44.57	5/45.34	3/42.53
POLY-3 PERCENT (g)	15.2%	4.7%	6.7%	11%	7.1%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	241	289	393	484	658
STATISTICAL TESTS					
POLY 3	P=0.393N	P=0.105N	P=0.183N	P=0.402N	P=0.203N
POLY 1.5	P=0.397N	P=0.114N	P=0.205N	P=0.444N	P=0.217N
POLY 6	P=0.386N	P=0.097N	P=0.162N	P=0.351N	P=0.188N
RAO-SCOTT	P=0.373N	P=0.114N	P=0.190N	P=0.399N	P=0.208N
LITTER C-A/FISHERS	P=0.396N	P=0.123N	P=0.232N	P=0.500N	P=0.232N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver Pigment					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)	23/50 (46%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)	19/25 (76%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	3/44.00	23/43.66
POLY-3 PERCENT (g)	0%	0%	0%	6.8%	52.7%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	2/34 (6%)	18/33 (55%)
FIRST INCIDENCE	---	---	---	632	574
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	P=0.161	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.142	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.187	P<0.001**
RAO-SCOTT	P<0.001**	(e)	(e)	P=0.166	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	P=0.117	P<0.001**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver: Bile Duct Cyst					
LESION RATES					
OVERALL (a)	1/50 (2%)	6/50 (12%)	12/50 (24%)	19/50 (38%)	21/50 (42%)
LITTERS (b)	1/25 (4%)	5/25 (20%)	12/25 (48%)	15/25 (60%)	18/25 (72%)
POLY-3 RATE (c)	1/35.80	6/41.94	12/42.91	19/43.98	21/42.31
POLY-3 PERCENT (g)	2.8%	14.3%	28%	43.2%	49.6%
TERMINAL (d)	0/22 (0%)	5/31 (16%)	11/33 (33%)	17/34 (50%)	19/33 (58%)
FIRST INCIDENCE	695	670	596	665	658
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.084	P=0.003**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.073	P=0.002**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.100	P=0.004**	P<0.001**	P<0.001**
RAO-SCOTT	P<0.001**	P=0.083	P=0.004**	P<0.001**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver: Bile Duct Hyperplasia					
LESION RATES					
OVERALL (a)	7/50 (14%)	21/50 (42%)	24/50 (48%)	29/50 (58%)	11/50 (22%)
LITTERS (b)	7/25 (28%)	14/25 (56%)	18/25 (72%)	21/25 (84%)	10/25 (40%)
POLY-3 RATE (c)	7/36.14	21/42.01	24/42.90	29/46.10	11/41.81
POLY-3 PERCENT (g)	19.4%	50%	55.9%	62.9%	26.3%
TERMINAL (d)	5/22 (23%)	20/31 (65%)	20/33 (61%)	22/34 (65%)	11/33 (33%)
FIRST INCIDENCE	661	650	657	273	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.239N	P=0.003**	P<0.001**	P<0.001**	P=0.324
POLY 1.5	P=0.315N	P=0.002**	P<0.001**	P<0.001**	P=0.283
POLY 6	P=0.176N	P=0.005**	P<0.001**	P<0.001**	P=0.368
RAO-SCOTT	P=0.315N	P=0.006**	P<0.001**	P<0.001**	P=0.313
LITTER C-A/FISHERS	P=0.449	P=0.042*	P=0.002**	P<0.001**	P=0.276

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver: Hepatocyte Cytoplasmic Alteration					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	3/50 (6%)	4/50 (8%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	3/25 (12%)	4/25 (16%)
POLY-3 RATE (c)	2/36.15	0/41.71	0/42.45	3/44.06	4/41.81
POLY-3 PERCENT (g)	5.5%	0%	0%	6.8%	9.6%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	4/33 (12%)
FIRST INCIDENCE	616	---	---	665	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.035*	P=0.206N	P=0.203N	P=0.589	P=0.406
POLY 1.5	P=0.036*	P=0.217N	P=0.215N	P=0.553	P=0.381
POLY 6	P=0.035*	P=0.195N	P=0.190N	P=0.632	P=0.432
RAO-SCOTT	P=0.071	P=0.244N	P=0.242N	P=0.586	P=0.422
LITTER C-A/FISHERS	P=0.033*	P=0.245N	P=0.245N	P=0.500	P=0.334

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver: Hepatocyte Hypertrophy					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	1/36.06	1/41.71	0/42.45	2/43.89	1/42.04
POLY-3 PERCENT (g)	2.8%	2.4%	0%	4.6%	2.4%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	616	731 (T)	---	665	670
STATISTICAL TESTS					
POLY 3	P=0.524	P=0.728N	P=0.468N	P=0.568	P=0.726N
POLY 1.5	P=0.517	P=0.740N	P=0.480N	P=0.540	P=0.739N
POLY 6	P=0.530	P=0.713N	P=0.454N	P=0.601	P=0.711N
RAO-SCOTT	P=0.528	P=0.694N	P=0.441N	P=0.549	P=0.693N
LITTER C-A/FISHERS	P=0.500	P=0.755	P=0.500N	P=0.500	P=0.755

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Liver: Hepatocyte Pigment					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung Cyst					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	1/35.66	0/41.71	0/42.45	2/43.65	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	0%	4.6%	0%
TERMINAL (d)	1/22 (5%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	731 (T)	---	---	730	---
STATISTICAL TESTS					
POLY 3	P=0.582N	P=0.469N	P=0.465N	P=0.570	P=0.468N
POLY 1.5	P=0.580N	P=0.480N	P=0.479N	P=0.541	P=0.480N
POLY 6	P=0.586N	P=0.455N	P=0.450N	P=0.605	P=0.455N
RAO-SCOTT	P=0.589N	P=0.548N	P=0.548N	P=0.602	P=0.548N
LITTER C-A/FISHERS	P=0.582N	P=0.500N	P=0.500N	P=0.500	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung					
Infiltration Cellular Histiocyte					
LESION RATES					
OVERALL (a)	46/50 (92%)	50/50 (100%)	47/50 (94%)	48/50 (96%)	50/50 (100%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)
POLY-3 RATE (c)	46/46.44	50/50.00	47/49.16	48/49.03	50/50.00
POLY-3 PERCENT (g)	99.1%	100%	95.6%	97.9%	100%
TERMINAL (d)	22/22 (100%)	31/31 (100%)	31/33 (94%)	33/34 (97%)	33/33 (100%)
FIRST INCIDENCE	329	289	232	273	350
STATISTICAL TESTS					
POLY 3	P=0.448	P=0.977	P=0.328N	P=0.668N	P=0.977
POLY 1.5	P=0.281	P=0.333	P=0.484N	P=0.763	P=0.333
POLY 6	P=0.543	P=1.000	P=0.264N	P=0.542N	P=1.000
RAO-SCOTT	P=0.515	P=0.874	P=0.439N	P=0.712N	P=0.874
LITTER C-A/FISHERS	(e)	P=1.000	P=1.000	P=1.000	P=1.000

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	1/42.04	0/42.45	0/43.65	1/42.30
POLY-3 PERCENT (g)	0%	2.4%	0%	0%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	642	---	---	584
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	1/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung					
Inflammation Focal Granulomatous					
LESION RATES					
OVERALL (a)	7/50 (14%)	3/50 (6%)	6/50 (12%)	6/50 (12%)	5/50 (10%)
LITTERS (b)	6/25 (24%)	3/25 (12%)	5/25 (20%)	5/25 (20%)	5/25 (20%)
POLY-3 RATE (c)	7/36.06	3/42.05	6/42.51	6/44.32	5/41.81
POLY-3 PERCENT (g)	19.4%	7.1%	14.1%	13.5%	12%
TERMINAL (d)	6/22 (27%)	2/31 (7%)	5/33 (15%)	4/34 (12%)	5/33 (15%)
FIRST INCIDENCE	616	638	715	508	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.457N	P=0.099N	P=0.373N	P=0.344N	P=0.277N
POLY 1.5	P=0.470N	P=0.119N	P=0.421N	P=0.407N	P=0.313N
POLY 6	P=0.448N	P=0.080N	P=0.319N	P=0.273N	P=0.240N
RAO-SCOTT	P=0.439N	P=0.125N	P=0.383N	P=0.358N	P=0.295N
LITTER C-A/FISHERS	P=0.532	P=0.232N	P=0.500N	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung					
Mineral					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung: Alveolar Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lung: Epithelium, Alveolus Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	2/41.71	1/42.45	1/43.65	1/41.81
POLY-3 PERCENT (g)	0%	4.8%	2.4%	2.3%	2.4%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	1/33 (3%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	---	731 (T)	731 (T)	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.621	P=0.273	P=0.535	P=0.540	P=0.532
POLY 1.5	P=0.601	P=0.259	P=0.521	P=0.523	P=0.520
POLY 6	P=0.615N	P=0.290	P=0.550	P=0.560	P=0.544
RAO-SCOTT	P=0.585	P=0.267	P=0.499	P=0.507	P=0.494
LITTER C-A/FISHERS	P=0.564	P=0.245	P=0.500	P=0.500	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lymph Node, Mandibular Atrophy					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/36.17	1/41.80	0/41.55	0/43.65	2/42.61
POLY-3 PERCENT (g)	2.8%	2.4%	0%	0%	4.7%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	577	709	---	---	574
STATISTICAL TESTS					
POLY 3	P=0.307	P=0.728N	P=0.472N	P=0.463N	P=0.557
POLY 1.5	P=0.302	P=0.740N	P=0.484N	P=0.478N	P=0.534
POLY 6	P=0.311	P=0.713N	P=0.458N	P=0.444N	P=0.581
RAO-SCOTT	P=0.374	P=0.715N	P=0.505N	P=0.501N	P=0.568
LITTER C-A/FISHERS	P=0.295	P=0.755	P=0.500N	P=0.500N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lymph Node, Mandibular: Lymphatic Sinus Dilation					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/41.55	0/43.65	0/41.70
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lymph Node, Mesenteric Atrophy					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.30	0/41.55	0/43.65	0/41.21
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lymph Node, Mesenteric Hyperplasia Lymphocyte					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.30	0/41.55	0/43.65	0/41.21
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lymph Node: Axillary Hyperplasia					
LESION RATES					
OVERALL (a)	3/8 (38%)	0/4 (0%)	0/3 (0%)	0/5 (0%)	2/7 (29%)
LITTERS (b)	3/7 (43%)	0/4 (0%)	0/3 (0%)	0/5 (0%)	2/7 (29%)
POLY-3 RATE (c)	3/5.75	0/3.22	0/2.03	0/4.84	2/5.32
POLY-3 PERCENT (g)	52.1%	0%	0%	0%	37.6%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/4 (0%)	0/0 (0%)
FIRST INCIDENCE	289	---	---	---	580
STATISTICAL TESTS					
POLY 3	P=0.615N	P=0.171N	P=0.312N	P=0.087N	P=0.548N
POLY 1.5	P=0.613N	P=0.205N	P=0.354N	P=0.129N	P=0.556N
POLY 6	P=0.627N	P=0.114N	P=0.199N	P=0.038N*	P=0.549N
RAO-SCOTT	P=0.576N	P=0.171N	P=0.250N	P=0.110N	P=0.496N
LITTER C-A/FISHERS	P=0.591N	P=0.212N	P=0.292N	P=0.159N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Lymph Node: Lumbar Hyperplasia					
LESION RATES					
OVERALL (a)	3/8 (38%)	1/4 (25%)	0/3 (0%)	1/5 (20%)	0/7 (0%)
LITTERS (b)	3/7 (43%)	1/4 (25%)	0/3 (0%)	1/5 (20%)	0/7 (0%)
POLY-3 RATE (c)	3/5.26	1/3.67	0/2.03	1/4.84	0/4.55
POLY-3 PERCENT (g)	57%	27.2%	0%	20.7%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/2 (0%)	1/4 (25%)	0/0 (0%)
FIRST INCIDENCE	614	596	---	731 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.076N	P=0.419N	P=0.272N	P=0.291N	P=0.074N
POLY 1.5	P=0.074N	P=0.488N	P=0.322N	P=0.369N	P=0.084N
POLY 6	P=0.092N	P=0.317N	P=0.167N	P=0.192N	P=0.073N
RAO-SCOTT	P=0.063N	P=0.392N	P=0.227N	P=0.277N	P=0.086N
LITTER C-A/FISHERS	P=0.067N	P=0.530N	P=0.292N	P=0.424N	P=0.096N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Mammary Gland					
Galactocele					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/36.41	1/41.90	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	5.5%	2.4%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	568	683	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.114N	P=0.451N	P=0.204N	P=0.199N	P=0.207N
POLY 1.5	P=0.112N	P=0.469N	P=0.216N	P=0.214N	P=0.217N
POLY 6	P=0.117N	P=0.432N	P=0.192N	P=0.183N	P=0.197N
RAO-SCOTT	P=0.193N	P=0.519N	P=0.323N	P=0.320N	P=0.324N
LITTER C-A/FISHERS	P=0.108N	P=0.500N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Mammary Gland Hyperplasia					
LESION RATES					
OVERALL (a)	14/50 (28%)	10/50 (20%)	12/50 (24%)	9/50 (18%)	15/50 (30%)
LITTERS (b)	10/25 (40%)	8/25 (32%)	9/25 (36%)	8/25 (32%)	11/25 (44%)
POLY-3 RATE (c)	14/36.45	10/42.85	12/42.85	9/43.65	15/41.81
POLY-3 PERCENT (g)	38.4%	23.3%	28%	20.6%	35.9%
TERMINAL (d)	12/22 (55%)	7/31 (23%)	11/33 (33%)	8/34 (24%)	15/33 (46%)
FIRST INCIDENCE	603	494	616	730	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.386	P=0.109N	P=0.226N	P=0.063N	P=0.501N
POLY 1.5	P=0.373	P=0.152N	P=0.292N	P=0.098N	P=0.564N
POLY 6	P=0.392	P=0.072N	P=0.159N	P=0.035N*	P=0.434N
RAO-SCOTT	P=0.431	P=0.143N	P=0.257N	P=0.093N	P=0.501N
LITTER C-A/FISHERS	P=0.347	P=0.384N	P=0.500N	P=0.384N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose					
Foreign Body					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/34.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/21 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose Inflammation					
LESION RATES					
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/34.66	1/42.04	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	2.4%	0%	0%	0%
TERMINAL (d)	0/21 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	642	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose					
Inflammation Acute					
LESION RATES					
OVERALL (a)	2/49 (4%)	1/50 (2%)	6/50 (12%)	4/50 (8%)	6/50 (12%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	4/25 (16%)	4/25 (16%)	6/25 (24%)
POLY-3 RATE (c)	2/36.13	1/41.71	6/44.20	4/43.65	6/42.08
POLY-3 PERCENT (g)	5.5%	2.4%	13.6%	9.2%	14.3%
TERMINAL (d)	0/21 (0%)	1/31 (3%)	3/33 (9%)	4/34 (12%)	5/33 (15%)
FIRST INCIDENCE	289	731 (T)	529	731 (T)	658
STATISTICAL TESTS					
POLY 3	P=0.084	P=0.450N	P=0.207	P=0.427	P=0.186
POLY 1.5	P=0.077	P=0.466N	P=0.178	P=0.392	P=0.167
POLY 6	P=0.093	P=0.430N	P=0.247	P=0.474	P=0.209
RAO-SCOTT	P=0.116	P=0.466N	P=0.246	P=0.446	P=0.225
LITTER C-A/FISHERS	P=0.033*	P=0.500N	P=0.334	P=0.334	P=0.123

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose: Epithelium Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	48/49 (98%)	50/50 (100%)	49/50 (98%)	47/50 (94%)	46/50 (92%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)
POLY-3 RATE (c)	48/49.00	50/50.00	49/49.03	47/49.47	46/48.02
POLY-3 PERCENT (g)	98%	100%	99.9%	95%	95.8%
TERMINAL (d)	20/21 (95%)	31/31 (100%)	33/33 (100%)	33/34 (97%)	32/33 (97%)
FIRST INCIDENCE	241	289	393	225	402
STATISTICAL TESTS					
POLY 3	P=0.101N	P=0.496	P=0.513	P=0.398N	P=0.488N
POLY 1.5	P=0.053N	P=0.496	P=0.569	P=0.355N	P=0.365N
POLY 6	P=0.165N	P=0.496	P=0.500	P=0.478N	P=0.588N
RAO-SCOTT	P=0.160N	P=0.586	P=0.595	P=0.460N	P=0.538N
LITTER C-A/FISHERS	(e)	P=1.000	P=1.000	P=1.000	P=1.000

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose: Respiratory Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/34.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/21 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose: Respiratory Epithelium Metaplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/34.66	0/41.71	1/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	2.4%	0%	0%
TERMINAL (d)	0/21 (0%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	731 (T)	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Nose: Respiratory Epithelium Necrosis					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/34.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/21 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Ovary Atrophy					
LESION RATES					
OVERALL (a)	32/50 (64%)	38/50 (76%)	32/50 (64%)	40/49 (82%)	28/50 (56%)
LITTERS (b)	22/25 (88%)	23/25 (92%)	22/25 (88%)	24/25 (96%)	18/25 (72%)
POLY-3 RATE (c)	32/44.99	38/47.32	32/45.78	40/47.84	28/44.02
POLY-3 PERCENT (g)	71.1%	80.3%	69.9%	83.6%	63.6%
TERMINAL (d)	12/22 (55%)	25/31 (81%)	22/33 (67%)	28/34 (82%)	22/33 (67%)
FIRST INCIDENCE	329	289	495	273	574
STATISTICAL TESTS					
POLY 3	P=0.187N	P=0.207	P=0.541N	P=0.109	P=0.291N
POLY 1.5	P=0.162N	P=0.184	P=0.554N	P=0.072	P=0.269N
POLY 6	P=0.231N	P=0.230	P=0.528N	P=0.164	P=0.334N
RAO-SCOTT	P=0.202N	P=0.234	P=0.540N	P=0.135	P=0.310N
LITTER C-A/FISHERS	P=0.044N*	P=0.500	P=0.666	P=0.305	P=0.145N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Ovary: Bursa Cyst					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	3/25 (12%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/35.88	1/41.71	4/43.14	0/42.68	0/41.81
POLY-3 PERCENT (g)	2.8%	2.4%	9.3%	0%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	3/33 (9%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	673	731 (T)	495	---	---
STATISTICAL TESTS					
POLY 3	P=0.121N	P=0.726N	P=0.239	P=0.466N	P=0.470N
POLY 1.5	P=0.132N	P=0.739N	P=0.215	P=0.481N	P=0.480N
POLY 6	P=0.109N	P=0.711N	P=0.269	P=0.447N	P=0.458N
RAO-SCOTT	P=0.224N	P=0.737N	P=0.332	P=0.573N	P=0.570N
LITTER C-A/FISHERS	P=0.166N	P=0.755	P=0.305	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Ovary: Follicle Cyst					
LESION RATES					
OVERALL (a)	12/50 (24%)	8/50 (16%)	7/50 (14%)	14/49 (29%)	11/50 (22%)
LITTERS (b)	10/25 (40%)	8/25 (32%)	7/25 (28%)	13/25 (52%)	9/25 (36%)
POLY-3 RATE (c)	12/38.61	8/42.70	7/42.99	14/42.70	11/42.21
POLY-3 PERCENT (g)	31.1%	18.7%	16.3%	32.8%	26.1%
TERMINAL (d)	4/22 (18%)	4/31 (13%)	6/33 (18%)	12/34 (35%)	10/33 (30%)
FIRST INCIDENCE	503	596	564	725	616
STATISTICAL TESTS					
POLY 3	P=0.353	P=0.149N	P=0.091N	P=0.529	P=0.400N
POLY 1.5	P=0.348	P=0.172N	P=0.110N	P=0.473	P=0.429N
POLY 6	P=0.348	P=0.128N	P=0.076N	P=0.591	P=0.379N
RAO-SCOTT	P=0.379	P=0.159N	P=0.103N	P=0.520	P=0.397N
LITTER C-A/FISHERS	P=0.422	P=0.384N	P=0.276N	P=0.285	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Ovary: Germinal Epithelium Cyst					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	2/42.41	0/42.45	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	4.7%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	494	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.266N	P=0.277	(e)	(e)	(e)
POLY 1.5	P=0.281N	P=0.262	(e)	(e)	(e)
POLY 6	P=0.249N	P=0.296	(e)	(e)	(e)
RAO-SCOTT	P=0.398N	P=0.389	(e)	(e)	(e)
LITTER C-A/FISHERS	P=0.307N	P=0.245	(e)	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Ovary: Granulosa Cell Hyperplasia					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/49 (0%)	1/50 (2%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/35.66	0/41.71	2/42.55	0/42.68	1/41.81
POLY-3 PERCENT (g)	5.6%	0%	4.7%	0%	2.4%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	1/33 (3%)
FIRST INCIDENCE	731 (T)	---	704	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.434N	P=0.204N	P=0.629N	P=0.199N	P=0.445N
POLY 1.5	P=0.435N	P=0.216N	P=0.655N	P=0.216N	P=0.465N
POLY 6	P=0.433N	P=0.190N	P=0.596N	P=0.180N	P=0.422N
RAO-SCOTT	P=0.438N	P=0.254N	P=0.624N	P=0.253N	P=0.466N
LITTER C-A/FISHERS	P=0.436N	P=0.245N	P=0.695	P=0.245N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Ovary: Paraovarian Tissue Cyst					
LESION RATES					
OVERALL (a)	3/50 (6%)	2/50 (4%)	3/50 (6%)	0/49 (0%)	2/50 (4%)
LITTERS (b)	3/25 (12%)	2/25 (8%)	3/25 (12%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	3/36.58	2/41.94	3/42.45	0/42.68	2/41.81
POLY-3 PERCENT (g)	8.2%	4.8%	7.1%	0%	4.8%
TERMINAL (d)	1/22 (5%)	1/31 (3%)	3/33 (9%)	0/34 (0%)	2/33 (6%)
FIRST INCIDENCE	575	670	731 (T)	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.303N	P=0.438N	P=0.592N	P=0.093N	P=0.439N
POLY 1.5	P=0.311N	P=0.460N	P=0.619N	P=0.104N	P=0.460N
POLY 6	P=0.295N	P=0.413N	P=0.562N	P=0.081N	P=0.418N
RAO-SCOTT	P=0.305N	P=0.428N	P=0.574N	P=0.106N	P=0.429N
LITTER C-A/FISHERS	P=0.321N	P=0.500N	P=0.666	P=0.117N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Pancreas					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.71	2/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	4.7%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	2/33 (6%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	731 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.456N	(e)	P=0.281	(e)	(e)
POLY 1.5	P=0.472N	(e)	P=0.265	(e)	(e)
POLY 6	P=0.437N	(e)	P=0.300	(e)	(e)
RAO-SCOTT	P=0.548N	(e)	P=0.393	(e)	(e)
LITTER C-A/FISHERS	P=0.500N	(e)	P=0.245	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Pancreas					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Pancreas: Acinus Atrophy					
LESION RATES					
OVERALL (a)	2/49 (4%)	5/50 (10%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	5/25 (20%)	3/25 (12%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/35.54	5/41.72	3/42.55	1/43.65	0/41.81
POLY-3 PERCENT (g)	5.6%	12%	7.1%	2.3%	0%
TERMINAL (d)	1/22 (5%)	4/31 (13%)	2/33 (6%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	634	730	704	731 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.026N*	P=0.285	P=0.581	P=0.429N	P=0.202N
POLY 1.5	P=0.030N*	P=0.262	P=0.554	P=0.455N	P=0.213N
POLY 6	P=0.023N*	P=0.309	P=0.612	P=0.399N	P=0.192N
RAO-SCOTT	P=0.046N*	P=0.299	P=0.569	P=0.431N	P=0.220N
LITTER C-A/FISHERS	P=0.037N*	P=0.209	P=0.500	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Pancreas: Acinus Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.19	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Parathyroid Gland Hyperplasia					
LESION RATES					
OVERALL (a)	0/44 (0%)	1/39 (3%)	1/45 (2%)	1/44 (2%)	0/46 (0%)
LITTERS (b)	0/25 (0%)	1/23 (4%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/30.67	1/33.00	1/37.91	1/38.92	0/39.83
POLY-3 PERCENT (g)	0%	3%	2.6%	2.6%	0%
TERMINAL (d)	0/18 (0%)	1/24 (4%)	0/28 (0%)	1/31 (3%)	0/32 (0%)
FIRST INCIDENCE	---	731 (T)	596	731 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Peripheral Nerve: Axon, Tibial Degeneration					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
LITTERS (b)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (c)	0/0.00	0/0.00	0/0.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Peripheral Nerve: Sciatic, Axon Degeneration					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
LITTERS (b)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (c)	0/0.00	0/0.00	0/0.00	0/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Pituitary Gland: Pars Distalis Hyperplasia					
LESION RATES					
OVERALL (a)	17/50 (34%)	15/50 (30%)	18/50 (36%)	16/50 (32%)	20/49 (41%)
LITTERS (b)	14/25 (56%)	14/25 (56%)	15/25 (60%)	13/25 (52%)	17/25 (68%)
POLY-3 RATE (c)	17/39.41	15/43.07	18/44.93	16/44.35	20/43.78
POLY-3 PERCENT (g)	43.1%	34.8%	40.1%	36.1%	45.7%
TERMINAL (d)	8/22 (36%)	12/31 (39%)	12/33 (36%)	12/34 (35%)	15/33 (46%)
FIRST INCIDENCE	368	375	529	634	574
STATISTICAL TESTS					
POLY 3	P=0.308	P=0.289N	P=0.474N	P=0.330N	P=0.495
POLY 1.5	P=0.274	P=0.326N	P=0.546N	P=0.397N	P=0.431
POLY 6	P=0.344	P=0.265N	P=0.399N	P=0.259N	P=0.555
RAO-SCOTT	P=0.321	P=0.284N	P=0.463N	P=0.323N	P=0.483
LITTER C-A/FISHERS	P=0.240	P=0.612	P=0.500	P=0.500N	P=0.280

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Pituitary Gland: Pars Distalis Necrosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	2/44.92	0/41.70
POLY-3 PERCENT (g)	0%	0%	0%	4.5%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	484	---
STATISTICAL TESTS					
POLY 3	P=0.532	(e)	(e)	P=0.292	(e)
POLY 1.5	P=0.522	(e)	(e)	P=0.269	(e)
POLY 6	P=0.539	(e)	(e)	P=0.322	(e)
RAO-SCOTT	P=0.579	(e)	(e)	P=0.400	(e)
LITTER C-A/FISHERS	P=0.500	(e)	(e)	P=0.245	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Skeletal Muscle Degeneration					
LESION RATES					
OVERALL (a)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)
LITTERS (b)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)
POLY-3 RATE (c)	0/0.49	0/0.68	0/0.00	0/0.77	0/1.09
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Skin					
Cyst Epithelial Inclusion					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Spleen					
Extramedullary Hematopoiesis					
LESION RATES					
OVERALL (a)	46/49 (94%)	44/50 (88%)	48/50 (96%)	45/50 (90%)	46/50 (92%)
LITTERS (b)	25/25 (100%)	24/25 (96%)	25/25 (100%)	25/25 (100%)	25/25 (100%)
POLY-3 RATE (c)	46/47.80	44/47.32	48/50.00	45/49.26	46/47.65
POLY-3 PERCENT (g)	96.2%	93%	96%	91.4%	96.5%
TERMINAL (d)	22/22 (100%)	30/31 (97%)	31/33 (94%)	32/34 (94%)	33/33 (100%)
FIRST INCIDENCE	241	289	232	225	377
STATISTICAL TESTS					
POLY 3	P=0.529	P=0.381N	P=0.692N	P=0.262N	P=0.722
POLY 1.5	P=0.541	P=0.319N	P=0.625	P=0.309N	P=0.691N
POLY 6	P=0.555	P=0.465N	P=0.553N	P=0.205N	P=0.812
RAO-SCOTT	P=0.526	P=0.425N	P=0.690N	P=0.313N	P=0.690
LITTER C-A/FISHERS	P=0.500	P=0.500N	P=1.000	P=1.000	P=1.000

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Spleen Hemorrhage					
LESION RATES					
OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/35.43	0/41.71	0/42.45	1/43.99	0/41.81
POLY-3 PERCENT (g)	2.8%	0%	0%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	669	---	---	634	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Spleen Pigment					
LESION RATES					
OVERALL (a)	35/49 (71%)	39/50 (78%)	35/50 (70%)	33/50 (66%)	39/50 (78%)
LITTERS (b)	22/25 (88%)	25/25 (100%)	23/25 (92%)	23/25 (92%)	23/25 (92%)
POLY-3 RATE (c)	35/42.85	39/46.15	35/45.04	33/45.54	39/46.52
POLY-3 PERCENT (g)	81.7%	84.5%	77.7%	72.5%	83.8%
TERMINAL (d)	22/22 (100%)	27/31 (87%)	27/33 (82%)	28/34 (82%)	31/33 (94%)
FIRST INCIDENCE	241	484	564	273	350
STATISTICAL TESTS					
POLY 3	P=0.543	P=0.468	P=0.414N	P=0.199N	P=0.506
POLY 1.5	P=0.500	P=0.374	P=0.480N	P=0.267N	P=0.426
POLY 6	P=0.545	P=0.636N	P=0.289N	P=0.121N	P=0.604
RAO-SCOTT	P=0.540	P=0.460	P=0.411N	P=0.212N	P=0.494
LITTER C-A/FISHERS	P=0.549N	P=0.117	P=0.500	P=0.500	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Spleen: White Pulp Atrophy					
LESION RATES					
OVERALL (a)	9/49 (18%)	7/50 (14%)	8/50 (16%)	7/50 (14%)	8/50 (16%)
LITTERS (b)	8/25 (32%)	7/25 (28%)	8/25 (32%)	5/25 (20%)	8/25 (32%)
POLY-3 RATE (c)	9/41.65	7/44.94	8/45.54	7/46.57	8/46.35
POLY-3 PERCENT (g)	21.6%	15.6%	17.6%	15%	17.3%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	241	484	393	273	350
STATISTICAL TESTS					
POLY 3	P=0.432N	P=0.328N	P=0.419N	P=0.301N	P=0.403N
POLY 1.5	P=0.450N	P=0.349N	P=0.447N	P=0.334N	P=0.431N
POLY 6	P=0.413N	P=0.300N	P=0.380N	P=0.257N	P=0.370N
RAO-SCOTT	P=0.429N	P=0.335N	P=0.421N	P=0.310N	P=0.407N
LITTER C-A/FISHERS	P=0.528N	P=0.500N	P=0.619	P=0.260N	P=0.619

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Stomach, Forestomach Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Stomach, Forestomach Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	1/36.17	1/41.72	1/42.91	3/43.68	1/42.20
POLY-3 PERCENT (g)	2.8%	2.4%	2.3%	6.9%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	2/34 (6%)	0/33 (0%)
FIRST INCIDENCE	575	730	596	724	620
STATISTICAL TESTS					
POLY 3	P=0.540	P=0.728N	P=0.721N	P=0.375	P=0.725N
POLY 1.5	P=0.527	P=0.740N	P=0.737N	P=0.346	P=0.739N
POLY 6	P=0.552	P=0.714N	P=0.702N	P=0.413	P=0.710N
RAO-SCOTT	P=0.534	P=0.696N	P=0.692N	P=0.374	P=0.695N
LITTER C-A/FISHERS	P=0.500	P=0.755	P=0.755	P=0.305	P=0.755

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Stomach, Forestomach Ulcer					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	1/41.72	0/42.45	1/43.68	0/41.81
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	730	---	724	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Stomach, Forestomach: Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	1/36.17	1/41.72	1/42.91	3/44.02	1/42.20
POLY-3 PERCENT (g)	2.8%	2.4%	2.3%	6.8%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	575	730	596	634	620
STATISTICAL TESTS					
POLY 3	P=0.540	P=0.728N	P=0.721N	P=0.379	P=0.725N
POLY 1.5	P=0.527	P=0.740N	P=0.737N	P=0.347	P=0.739N
POLY 6	P=0.552	P=0.714N	P=0.702N	P=0.418	P=0.710N
RAO-SCOTT	P=0.534	P=0.695N	P=0.691N	P=0.375	P=0.693N
LITTER C-A/FISHERS	P=0.500	P=0.755	P=0.755	P=0.305	P=0.755

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Stomach, Glandular Mineral					
LESION RATES					
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	2/25 (8%)	3/25 (12%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	2/35.92	3/41.71	1/42.45	0/43.65	2/41.81
POLY-3 PERCENT (g)	5.6%	7.2%	2.4%	0%	4.8%
TERMINAL (d)	0/22 (0%)	3/31 (10%)	1/33 (3%)	0/34 (0%)	2/33 (6%)
FIRST INCIDENCE	669	731 (T)	731 (T)	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.420N	P=0.568	P=0.442N	P=0.196N	P=0.638N
POLY 1.5	P=0.431N	P=0.543	P=0.464N	P=0.212N	P=0.659N
POLY 6	P=0.410N	P=0.595	P=0.417N	P=0.179N	P=0.616N
RAO-SCOTT	P=0.428N	P=0.559	P=0.448N	P=0.226N	P=0.623N
LITTER C-A/FISHERS	P=0.449N	P=0.500	P=0.500N	P=0.245N	P=0.695

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Thymus Atrophy					
LESION RATES					
OVERALL (a)	45/50 (90%)	45/48 (94%)	46/49 (94%)	38/48 (79%)	45/48 (94%)
LITTERS (b)	25/25 (100%)	24/25 (96%)	25/25 (100%)	23/25 (92%)	24/24 (100%)
POLY-3 RATE (c)	45/49.38	45/46.51	46/48.37	38/46.68	45/46.70
POLY-3 PERCENT (g)	91.1%	96.8%	95.1%	81.4%	96.4%
TERMINAL (d)	20/22 (91%)	29/30 (97%)	32/33 (97%)	27/34 (79%)	33/33 (100%)
FIRST INCIDENCE	241	289	232	225	350
STATISTICAL TESTS					
POLY 3	P=0.549	P=0.223	P=0.349	P=0.132N	P=0.244
POLY 1.5	P=0.554N	P=0.265	P=0.351	P=0.132N	P=0.305
POLY 6	P=0.486	P=0.212	P=0.363	P=0.121N	P=0.166
RAO-SCOTT	P=0.555	P=0.288	P=0.400	P=0.179N	P=0.314
LITTER C-A/FISHERS	P=0.652N	P=0.500N	P=1.000	P=0.245N	P=1.000

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Thymus					
Ectopic Tissue Parathyroid Gland					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/48 (0%)	0/49 (0%)	1/48 (2%)	2/48 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	2/24 (8%)
POLY-3 RATE (c)	0/35.66	0/40.05	0/41.55	1/41.84	2/41.21
POLY-3 PERCENT (g)	0%	0%	0%	2.4%	4.9%
TERMINAL (d)	0/22 (0%)	0/30 (0%)	0/33 (0%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	---	---	---	731 (T)	600
STATISTICAL TESTS					
POLY 3	P=0.036*	(e)	(e)	P=0.532	P=0.271
POLY 1.5	P=0.034*	(e)	(e)	P=0.515	P=0.254
POLY 6	P=0.038*	(e)	(e)	P=0.552	P=0.292
RAO-SCOTT	P=0.091	(e)	(e)	P=0.592	P=0.353
LITTER C-A/FISHERS	P=0.029*	(e)	(e)	P=0.500	P=0.235

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Thymus Hyperplasia Lymphocyte					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/48 (0%)	0/49 (0%)	0/48 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/24 (0%)
POLY-3 RATE (c)	0/35.66	0/40.05	0/41.55	0/41.84	0/40.76
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Thymus					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/48 (0%)	0/49 (0%)	0/48 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/24 (0%)
POLY-3 RATE (c)	0/35.66	0/40.05	0/41.55	0/41.84	0/40.76
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Thyroid Gland: C-Cell Hyperplasia					
LESION RATES					
OVERALL (a)	9/50 (18%)	11/50 (22%)	11/50 (22%)	3/50 (6%)	10/49 (20%)
LITTERS (b)	9/25 (36%)	10/25 (40%)	11/25 (44%)	3/25 (12%)	8/25 (32%)
POLY-3 RATE (c)	9/36.78	11/42.06	11/43.36	3/44.52	10/43.04
POLY-3 PERCENT (g)	24.5%	26.2%	25.4%	6.7%	23.2%
TERMINAL (d)	6/22 (27%)	9/31 (29%)	9/33 (27%)	1/34 (3%)	7/33 (21%)
FIRST INCIDENCE	575	661	596	484	580
STATISTICAL TESTS					
POLY 3	P=0.288N	P=0.535	P=0.566	P=0.025N*	P=0.553N
POLY 1.5	P=0.327N	P=0.486	P=0.503	P=0.036N*	P=0.592
POLY 6	P=0.253N	P=0.588	P=0.569N	P=0.016N*	P=0.491N
RAO-SCOTT	P=0.290N	P=0.520	P=0.551	P=0.031N*	P=0.539N
LITTER C-A/FISHERS	P=0.191N	P=0.500	P=0.387	P=0.048N*	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Urinary Bladder Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	2/42.33	0/42.45	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	4.7%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	529	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.266N	P=0.277	(e)	(e)	(e)
POLY 1.5	P=0.281N	P=0.262	(e)	(e)	(e)
POLY 6	P=0.249N	P=0.296	(e)	(e)	(e)
RAO-SCOTT	P=0.398N	P=0.389	(e)	(e)	(e)
LITTER C-A/FISHERS	P=0.307N	P=0.245	(e)	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus					
Adenomyosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	1/41.71	2/42.45	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	2.4%	4.7%	0%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	2/33 (6%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	731 (T)	731 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.292N	P=0.531	P=0.278	(e)	(e)
POLY 1.5	P=0.310N	P=0.520	P=0.262	(e)	(e)
POLY 6	P=0.271N	P=0.544	P=0.298	(e)	(e)
RAO-SCOTT	P=0.387N	P=0.582	P=0.354	(e)	(e)
LITTER C-A/FISHERS	P=0.340N	P=0.500	P=0.245	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus Cyst					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/42.68	2/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	4.8%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	2/33 (6%)
FIRST INCIDENCE	---	---	---	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.023*	(e)	(e)	(e)	P=0.274
POLY 1.5	P=0.022*	(e)	(e)	(e)	P=0.260
POLY 6	P=0.023*	(e)	(e)	(e)	P=0.290
RAO-SCOTT	P=0.097	(e)	(e)	(e)	P=0.398
LITTER C-A/FISHERS	P=0.022*	(e)	(e)	(e)	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus Dilation					
LESION RATES					
OVERALL (a)	4/50 (8%)	4/50 (8%)	3/50 (6%)	6/49 (12%)	3/50 (6%)
LITTERS (b)	4/25 (16%)	4/25 (16%)	3/25 (12%)	6/25 (24%)	2/25 (8%)
POLY-3 RATE (c)	4/36.91	4/42.72	3/42.55	6/45.64	3/42.04
POLY-3 PERCENT (g)	10.8%	9.4%	7.1%	13.2%	7.1%
TERMINAL (d)	2/22 (9%)	2/31 (7%)	2/33 (6%)	1/34 (3%)	2/33 (6%)
FIRST INCIDENCE	503	484	704	273	670
STATISTICAL TESTS					
POLY 3	P=0.455N	P=0.561N	P=0.422N	P=0.508	P=0.429N
POLY 1.5	P=0.470N	P=0.592N	P=0.452N	P=0.448	P=0.454N
POLY 6	P=0.441N	P=0.526N	P=0.388N	P=0.577	P=0.401N
RAO-SCOTT	P=0.442N	P=0.540N	P=0.406N	P=0.494	P=0.412N
LITTER C-A/FISHERS	P=0.330N	P=0.649	P=0.500N	P=0.363	P=0.334N

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	3/49 (6%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	3/25 (12%)	0/25 (0%)	3/25 (12%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	3/42.72	0/42.45	3/44.40	0/41.81
POLY-3 PERCENT (g)	0%	7%	0%	6.8%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	484	---	484	---
STATISTICAL TESTS					
POLY 3	P=0.381N	P=0.154	(e)	P=0.163	(e)
POLY 1.5	P=0.402N	P=0.140	(e)	P=0.142	(e)
POLY 6	P=0.360N	P=0.172	(e)	P=0.193	(e)
RAO-SCOTT	P=0.448N	P=0.222	(e)	P=0.234	(e)
LITTER C-A/FISHERS	P=0.441N	P=0.117	(e)	P=0.117	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus					
Hyperplasia Atypical					
LESION RATES					
OVERALL (a)	5/50 (10%)	10/50 (20%)	6/50 (12%)	13/49 (27%)	8/50 (16%)
LITTERS (b)	5/25 (20%)	7/25 (28%)	6/25 (24%)	10/25 (40%)	7/25 (28%)
POLY-3 RATE (c)	5/36.93	10/41.71	6/42.99	13/44.45	8/42.76
POLY-3 PERCENT (g)	13.5%	24%	14%	29.3%	18.7%
TERMINAL (d)	3/22 (14%)	10/31 (32%)	5/33 (15%)	11/34 (32%)	6/33 (18%)
FIRST INCIDENCE	329	731 (T)	564	273	584
STATISTICAL TESTS					
POLY 3	P=0.374	P=0.186	P=0.606	P=0.075	P=0.375
POLY 1.5	P=0.335	P=0.163	P=0.564	P=0.052	P=0.336
POLY 6	P=0.419	P=0.215	P=0.598N	P=0.112	P=0.424
RAO-SCOTT	P=0.381	P=0.218	P=0.597	P=0.106	P=0.391
LITTER C-A/FISHERS	P=0.287	P=0.371	P=0.500	P=0.108	P=0.371

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus Inflammation					
LESION RATES					
OVERALL (a)	5/50 (10%)	5/50 (10%)	7/50 (14%)	11/49 (22%)	7/50 (14%)
LITTERS (b)	5/25 (20%)	5/25 (20%)	7/25 (28%)	9/25 (36%)	7/25 (28%)
POLY-3 RATE (c)	5/36.91	5/41.71	7/42.97	11/43.85	7/41.81
POLY-3 PERCENT (g)	13.6%	12%	16.3%	25.1%	16.7%
TERMINAL (d)	3/22 (14%)	5/31 (16%)	5/33 (15%)	7/34 (21%)	7/33 (21%)
FIRST INCIDENCE	503	731 (T)	596	555	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.269	P=0.552N	P=0.489	P=0.155	P=0.469
POLY 1.5	P=0.252	P=0.580N	P=0.446	P=0.117	P=0.437
POLY 6	P=0.286	P=0.520N	P=0.541	P=0.215	P=0.503
RAO-SCOTT	P=0.279	P=0.535N	P=0.478	P=0.165	P=0.458
LITTER C-A/FISHERS	P=0.237	P=0.637	P=0.371	P=0.173	P=0.371

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus					
Squamous Metaplasia					
LESION RATES					
OVERALL (a)	23/50 (46%)	32/50 (64%)	26/50 (52%)	26/49 (53%)	24/50 (48%)
LITTERS (b)	16/25 (64%)	22/25 (88%)	19/25 (76%)	21/25 (84%)	17/25 (68%)
POLY-3 RATE (c)	23/41.56	32/44.10	26/45.50	26/45.02	24/43.33
POLY-3 PERCENT (g)	55.3%	72.6%	57.1%	57.8%	55.4%
TERMINAL (d)	10/22 (46%)	26/31 (84%)	18/33 (55%)	20/34 (59%)	20/33 (61%)
FIRST INCIDENCE	329	529	495	484	600
STATISTICAL TESTS					
POLY 3	P=0.249N	P=0.064	P=0.519	P=0.496	P=0.587
POLY 1.5	P=0.265N	P=0.061	P=0.453	P=0.415	P=0.567
POLY 6	P=0.245N	P=0.066	P=0.589	P=0.590N	P=0.592N
RAO-SCOTT	P=0.273N	P=0.087	P=0.516	P=0.495	P=0.576
LITTER C-A/FISHERS	P=0.412N	P=0.048*	P=0.269	P=0.098	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus					
Thrombus					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	2/41.71	1/42.45	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	4.8%	2.4%	0%	0%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	1/33 (3%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	731 (T)	731 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.225N	P=0.273	P=0.535	(e)	(e)
POLY 1.5	P=0.241N	P=0.259	P=0.521	(e)	(e)
POLY 6	P=0.207N	P=0.290	P=0.550	(e)	(e)
RAO-SCOTT	P=0.326N	P=0.352	P=0.589	(e)	(e)
LITTER C-A/FISHERS	P=0.268N	P=0.245	P=0.500	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus					
Ulcer					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	1/41.71	0/42.45	2/43.34	0/41.81
POLY-3 PERCENT (g)	0%	2.4%	0%	4.6%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	---	731 (T)	---	508	---
STATISTICAL TESTS					
POLY 3	P=0.627N	P=0.531	(e)	P=0.283	(e)
POLY 1.5	P=0.638N	P=0.520	(e)	P=0.261	(e)
POLY 6	P=0.616N	P=0.544	(e)	P=0.311	(e)
RAO-SCOTT	P=0.647N	P=0.582	(e)	P=0.363	(e)
LITTER C-A/FISHERS	P=0.660	P=0.500	(e)	P=0.245	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus: Cervix Inflammation					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	3/50 (6%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	0/42.68	3/41.81
POLY-3 PERCENT (g)	0%	0%	0%	0%	7.2%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	3/33 (9%)
FIRST INCIDENCE	---	---	---	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.004**	(e)	(e)	(e)	P=0.149
POLY 1.5	P=0.004**	(e)	(e)	(e)	P=0.137
POLY 6	P=0.004**	(e)	(e)	(e)	P=0.163
RAO-SCOTT	P=0.028*	(e)	(e)	(e)	P=0.250
LITTER C-A/FISHERS	P=0.004**	(e)	(e)	(e)	P=0.117

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

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First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Uterus: Endometrium Hyperplasia Cystic					
LESION RATES					
OVERALL (a)	18/50 (36%)	27/50 (54%)	23/50 (46%)	27/49 (55%)	19/50 (38%)
LITTERS (b)	14/25 (56%)	19/25 (76%)	18/25 (72%)	19/25 (76%)	17/25 (68%)
POLY-3 RATE (c)	18/38.06	27/44.06	23/44.00	27/44.45	19/42.75
POLY-3 PERCENT (g)	47.3%	61.3%	52.3%	60.7%	44.5%
TERMINAL (d)	10/22 (46%)	21/31 (68%)	19/33 (58%)	25/34 (74%)	17/33 (52%)
FIRST INCIDENCE	329	529	545	273	584
STATISTICAL TESTS					
POLY 3	P=0.234N	P=0.137	P=0.407	P=0.150	P=0.487N
POLY 1.5	P=0.277N	P=0.094	P=0.318	P=0.093	P=0.552N
POLY 6	P=0.209N	P=0.207	P=0.519	P=0.235	P=0.423N
RAO-SCOTT	P=0.261N	P=0.149	P=0.402	P=0.160	P=0.475N
LITTER C-A/FISHERS	P=0.392	P=0.116	P=0.189	P=0.116	P=0.280

Experiment Number: 20712 - 03

Test Type: Chronic PN

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: 09/21/2020

Time Report Requested: 15:58:01

First Dose M/F: 12/12/11 / 12/13/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm females	2500 ppm females	5000 ppm females	10000 ppm female	20000 ppm female
Vagina Inflammation					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/49 (0%)	1/48 (2%)	0/44 (0%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/36.36	0/40.71	1/41.69	0/38.24	0/40.26
POLY-3 PERCENT (g)	5.5%	0%	2.4%	0%	0%
TERMINAL (d)	0/22 (0%)	0/30 (0%)	0/32 (0%)	0/31 (0%)	0/32 (0%)
FIRST INCIDENCE	593	---	393	---	---
STATISTICAL TESTS					
POLY 3	P=0.167N	P=0.212N	P=0.452N	P=0.226N	P=0.215N
POLY 1.5	P=0.165N	P=0.223N	P=0.475N	P=0.242N	P=0.226N
POLY 6	P=0.170N	P=0.202N	P=0.427N	P=0.208N	P=0.204N
RAO-SCOTT	P=0.237N	P=0.313N	P=0.512N	P=0.331N	P=0.316N
LITTER C-A/FISHERS	P=0.151N	P=0.245N	P=0.500N	P=0.245N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tris(Chloropropyl)phosphate

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First Dose M/F: 12/12/11 / 12/13/11

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 all dose groups have fewer than two tumors.
- (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 Rao-Scott statistic performs the Poly-3 test with an adjustment for within-litter correlation.
The Litter C-A/Fishers statistic compares directly the litter incidence rates.

*** END OF REPORT ***