

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex

Adrenal Medulla

Brain

Islets, Pancreatic

Kidney

Liver

Ovary

Pancreas

Pituitary Gland

Testis

Thyroid Gland

Uterus

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

MALE RATS

Organ

Adrenal Medulla

Intestine Small: Site Unspecified

Liver

Skin

All Organs

Morphology

Pheochromocytoma Benign

Pheochromocytoma: Benign, Complex, Malignant, NOS

Carcinoma

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocellular Carcinoma or Hepatocellular Adenoma

Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

Fibroma

Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma

Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma

Sarcoma

Benign Tumors

Malignant Tumors

Malignant and Benign Tumors

FEMALE RATS

Organ

Adrenal Cortex

Kidney: Renal Tubule

Mammary Gland

Ovary

Uterus

All Organs

Morphology

Adenoma

Adenoma

Carcinoma or Adenoma

Fibroadenoma

Fibroma, Fibroadenoma or Adenoma

Granulosa Cell Tumor Benign

Adenocarcinoma

Adenocarcinoma or Adenoma

Polyp Stromal

Malignant Tumors

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Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Adenoma					
TUMOR 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)	0/38.54	1/44.22	0/45.39	1/44.17	0/44.56
POLY-3 PERCENT (g)	0%	2.3%	0%	2.3%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	---	563	---	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)

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Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Medulla					
Pheochromocytoma Benign					
TUMOR RATES					
OVERALL (a)	6/50 (12%)	9/50 (18%)	7/50 (14%)	5/50 (10%)	0/50 (0%)
LITTERS (b)	6/25 (24%)	8/25 (32%)	7/25 (28%)	5/25 (20%)	0/25 (0%)
POLY-3 RATE (c)	6/39.10	9/43.85	7/45.99	5/44.17	0/44.56
POLY-3 PERCENT (g)	15.3%	20.5%	15.2%	11.3%	0%
TERMINAL (d)	5/25 (20%)	8/34 (24%)	3/34 (9%)	5/37 (14%)	0/31 (0%)
FIRST INCIDENCE	554	687	613	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.002N**	P=0.372	P=0.612N	P=0.415N	P=0.009N**
POLY 1.5	P=0.003N**	P=0.338	P=0.574	P=0.457N	P=0.011N*
POLY 6	P=0.002N**	P=0.421	P=0.551N	P=0.357N	P=0.008N**
RAO-SCOTT	P=0.005N**	P=0.375	P=0.602N	P=0.414N	P=0.016N*
LITTER C-A/FISHERS	P=0.004N**	P=0.377	P=0.500	P=0.500N	P=0.011N*

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Route: DOSED FEED

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Medulla					
Pheochromocytoma: Benign, Complex, Malignant, NOS					
TUMOR RATES					
OVERALL (a)	6/50 (12%)	10/50 (20%)	8/50 (16%)	6/50 (12%)	0/50 (0%)
LITTERS (b)	6/25 (24%)	9/25 (36%)	7/25 (28%)	6/25 (24%)	0/25 (0%)
POLY-3 RATE (c)	6/39.10	10/43.85	8/46.53	6/44.17	0/44.56
POLY-3 PERCENT (g)	15.3%	22.8%	17.2%	13.6%	0%
TERMINAL (d)	5/25 (20%)	9/34 (27%)	3/34 (9%)	6/37 (16%)	0/31 (0%)
FIRST INCIDENCE	554	687	566	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.002N**	P=0.280	P=0.525	P=0.533N	P=0.009N**
POLY 1.5	P=0.002N**	P=0.250	P=0.468	P=0.577N	P=0.011N*
POLY 6	P<0.001N**	P=0.326	P=0.594	P=0.471N	P=0.008N**
RAO-SCOTT	P=0.005N**	P=0.293	P=0.522	P=0.528N	P=0.017N*
LITTER C-A/FISHERS	P=0.004N**	P=0.269	P=0.500	P=0.629	P=0.011N*

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Granular Cell Tumor Benign					
TUMOR 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)	1/38.54	2/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	2.6%	4.6%	0%	0%	0%
TERMINAL (d)	1/25 (4%)	2/34 (6%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.145N	P=0.544	P=0.467N	P=0.473N	P=0.471N
POLY 1.5	P=0.148N	P=0.526	P=0.481N	P=0.486N	P=0.482N
POLY 6	P=0.141N	P=0.566	P=0.452N	P=0.455N	P=0.459N
RAO-SCOTT	P=0.237N	P=0.591	P=0.577N	P=0.576N	P=0.577N
LITTER C-A/FISHERS	P=0.151N	P=0.500	P=0.500N	P=0.500N	P=0.500N

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STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	0/43.68	1/45.46	0/44.17	2/44.56
POLY-3 PERCENT (g)	0%	0%	2.2%	0%	4.5%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	2/31 (7%)
FIRST INCIDENCE	---	---	713	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.084	(e)	P=0.533	(e)	P=0.271
POLY 1.5	P=0.081	(e)	P=0.520	(e)	P=0.258
POLY 6	P=0.088	(e)	P=0.549	(e)	P=0.285
RAO-SCOTT	P=0.161	(e)	P=0.616	(e)	P=0.368
LITTER C-A/FISHERS	P=0.074	(e)	P=0.500	(e)	P=0.245

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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: Site Unspecified Carcinoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/38.54	0/43.68	1/45.46	0/44.17	3/44.70
POLY-3 PERCENT (g)	0%	0%	2.2%	0%	6.7%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	2/31 (7%)
FIRST INCIDENCE	---	---	713	---	694
STATISTICAL TESTS					
POLY 3	P=0.018*	(e)	P=0.533	(e)	P=0.147
POLY 1.5	P=0.017*	(e)	P=0.520	(e)	P=0.136
POLY 6	P=0.019*	(e)	P=0.549	(e)	P=0.161
RAO-SCOTT	P=0.056	(e)	P=0.608	(e)	P=0.231
LITTER C-A/FISHERS	P=0.016*	(e)	P=0.500	(e)	P=0.117

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Lab: BAT

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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
Islets, Pancreatic Adenoma					
TUMOR RATES					
OVERALL (a)	4/50 (8%)	11/50 (22%)	7/50 (14%)	6/50 (12%)	4/50 (8%)
LITTERS (b)	4/25 (16%)	10/25 (40%)	7/25 (28%)	6/25 (24%)	4/25 (16%)
POLY-3 RATE (c)	4/38.67	11/44.40	7/45.49	6/44.17	4/45.02
POLY-3 PERCENT (g)	10.3%	24.8%	15.4%	13.6%	8.9%
TERMINAL (d)	3/25 (12%)	8/34 (24%)	5/34 (15%)	6/37 (16%)	2/31 (7%)
FIRST INCIDENCE	697	571	714	729 (T)	639
STATISTICAL TESTS					
POLY 3	P=0.124N	P=0.076	P=0.361	P=0.455	P=0.558N
POLY 1.5	P=0.147N	P=0.062	P=0.319	P=0.412	P=0.590N
POLY 6	P=0.103N	P=0.100	P=0.413	P=0.515	P=0.520N
RAO-SCOTT	P=0.150N	P=0.080	P=0.351	P=0.441	P=0.540N
LITTER C-A/FISHERS	P=0.210N	P=0.057	P=0.248	P=0.363	P=0.649

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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
Kidney: Renal Tubule Adenoma					
TUMOR 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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DOSE	Males				
	0 ppm males	2500 ppm males	5000 ppm males	10000 ppm males	20000 ppm males
Kidney: Renal Tubule Carcinoma					
TUMOR 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	2/45.66	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	4.4%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	657	---	---
STATISTICAL TESTS					
POLY 3	P=0.461N	(e)	P=0.277	(e)	(e)
POLY 1.5	P=0.477N	(e)	P=0.260	(e)	(e)
POLY 6	P=0.442N	(e)	P=0.298	(e)	(e)
RAO-SCOTT	P=0.567N	(e)	P=0.410	(e)	(e)
LITTER C-A/FISHERS	P=0.500N	(e)	P=0.245	(e)	(e)

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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
Kidney: Renal Tubule Carcinoma or Adenoma					
TUMOR 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	2/45.66	0/44.17	0/44.56
POLY-3 PERCENT (g)	0%	0%	4.4%	0%	0%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	657	---	---
STATISTICAL TESTS					
POLY 3	P=0.461N	(e)	P=0.277	(e)	(e)
POLY 1.5	P=0.477N	(e)	P=0.260	(e)	(e)
POLY 6	P=0.442N	(e)	P=0.298	(e)	(e)
RAO-SCOTT	P=0.567N	(e)	P=0.410	(e)	(e)
LITTER C-A/FISHERS	P=0.500N	(e)	P=0.245	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Cholangioma					
TUMOR 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)

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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
Liver					
Hepatocellular Adenoma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	5/50 (10%)	3/49 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	4/25 (16%)	3/25 (12%)
POLY-3 RATE (c)	1/38.54	0/43.68	0/45.39	5/44.17	3/44.14
POLY-3 PERCENT (g)	2.6%	0%	0%	11.3%	6.8%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	0/34 (0%)	5/37 (14%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)	676
STATISTICAL TESTS					
POLY 3	P=0.039*	P=0.475N	P=0.467N	P=0.135	P=0.355
POLY 1.5	P=0.037*	P=0.485N	P=0.481N	P=0.118	P=0.333
POLY 6	P=0.040*	P=0.462N	P=0.452N	P=0.164	P=0.382
RAO-SCOTT	P=0.099	P=0.575N	P=0.575N	P=0.220	P=0.433
LITTER C-A/FISHERS	P=0.035*	P=0.500N	P=0.500N	P=0.174	P=0.305

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Carcinoma					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)	3/49 (6%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	0/38.54	0/43.68	1/45.39	3/44.32	3/44.04
POLY-3 PERCENT (g)	0%	0%	2.2%	6.8%	6.8%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	1/34 (3%)	2/37 (5%)	2/31 (7%)
FIRST INCIDENCE	---	---	729 (T)	691	682
STATISTICAL TESTS					
POLY 3	P=0.025*	(e)	P=0.532	P=0.145	P=0.144
POLY 1.5	P=0.023*	(e)	P=0.519	P=0.132	P=0.133
POLY 6	P=0.027*	(e)	P=0.548	P=0.167	P=0.159
RAO-SCOTT	P=0.051	(e)	P=0.574	P=0.201	P=0.200
LITTER C-A/FISHERS	P=0.020*	(e)	P=0.500	P=0.117	P=0.117

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Carcinoma or Hepatocellular Adenoma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	7/50 (14%)	6/49 (12%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	5/25 (20%)	6/25 (24%)
POLY-3 RATE (c)	1/38.54	0/43.68	1/45.39	7/44.32	6/44.32
POLY-3 PERCENT (g)	2.6%	0%	2.2%	15.8%	13.5%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	1/34 (3%)	6/37 (16%)	3/31 (10%)
FIRST INCIDENCE	729 (T)	---	729 (T)	691	676
STATISTICAL TESTS					
POLY 3	P=0.002**	P=0.475N	P=0.723N	P=0.047*	P=0.081
POLY 1.5	P=0.002**	P=0.485N	P=0.738N	P=0.038*	P=0.069
POLY 6	P=0.002**	P=0.462N	P=0.703N	P=0.064	P=0.098
RAO-SCOTT	P=0.013*	P=0.564N	P=0.741N	P=0.105	P=0.152
LITTER C-A/FISHERS	P<0.001**	P=0.500N	P=0.755	P=0.095	P=0.049*

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	7/50 (14%)	6/49 (12%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	5/25 (20%)	6/25 (24%)
POLY-3 RATE (c)	1/38.54	0/43.68	1/45.39	7/44.32	6/44.32
POLY-3 PERCENT (g)	2.6%	0%	2.2%	15.8%	13.5%
TERMINAL (d)	1/25 (4%)	0/34 (0%)	1/34 (3%)	6/37 (16%)	3/31 (10%)
FIRST INCIDENCE	729 (T)	---	729 (T)	691	676
STATISTICAL TESTS					
POLY 3	P=0.002**	P=0.475N	P=0.723N	P=0.047*	P=0.081
POLY 1.5	P=0.002**	P=0.485N	P=0.738N	P=0.038*	P=0.069
POLY 6	P=0.002**	P=0.462N	P=0.703N	P=0.064	P=0.098
RAO-SCOTT	P=0.013*	P=0.564N	P=0.741N	P=0.105	P=0.152
LITTER C-A/FISHERS	P<0.001**	P=0.500N	P=0.755	P=0.095	P=0.049*

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Fibroadenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	2/25 (8%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/39.48	1/43.68	2/45.43	1/44.17	0/44.56
POLY-3 PERCENT (g)	5.1%	2.3%	4.4%	2.3%	0%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	541	729 (T)	721	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.143N	P=0.465N	P=0.642N	P=0.461N	P=0.211N
POLY 1.5	P=0.147N	P=0.478N	P=0.663N	P=0.480N	P=0.220N
POLY 6	P=0.140N	P=0.448N	P=0.618N	P=0.434N	P=0.202N
RAO-SCOTT	P=0.174N	P=0.477N	P=0.639N	P=0.475N	P=0.248N
LITTER C-A/FISHERS	P=0.150N	P=0.500N	P=0.695	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Fibroma, Fibroadenoma or Adenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	2/25 (8%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/39.48	1/43.68	2/45.43	1/44.17	0/44.56
POLY-3 PERCENT (g)	5.1%	2.3%	4.4%	2.3%	0%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	541	729 (T)	721	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.143N	P=0.465N	P=0.642N	P=0.461N	P=0.211N
POLY 1.5	P=0.147N	P=0.478N	P=0.663N	P=0.480N	P=0.220N
POLY 6	P=0.140N	P=0.448N	P=0.618N	P=0.434N	P=0.202N
RAO-SCOTT	P=0.174N	P=0.477N	P=0.639N	P=0.475N	P=0.248N
LITTER C-A/FISHERS	P=0.150N	P=0.500N	P=0.695	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibroma, Fibroadenoma, Carcinoma, or Adenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	2/25 (8%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/39.48	1/43.68	2/45.43	1/44.17	0/44.56
POLY-3 PERCENT (g)	5.1%	2.3%	4.4%	2.3%	0%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	0/31 (0%)
FIRST INCIDENCE	541	729 (T)	721	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.143N	P=0.465N	P=0.642N	P=0.461N	P=0.211N
POLY 1.5	P=0.147N	P=0.478N	P=0.663N	P=0.480N	P=0.220N
POLY 6	P=0.140N	P=0.448N	P=0.618N	P=0.434N	P=0.202N
RAO-SCOTT	P=0.174N	P=0.477N	P=0.639N	P=0.475N	P=0.248N
LITTER C-A/FISHERS	P=0.150N	P=0.500N	P=0.695	P=0.500N	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Adenoma					
TUMOR RATES					
OVERALL (a)	9/50 (18%)	8/50 (16%)	5/50 (10%)	7/50 (14%)	6/50 (12%)
LITTERS (b)	8/25 (32%)	8/25 (32%)	4/25 (16%)	7/25 (28%)	5/25 (20%)
POLY-3 RATE (c)	9/39.10	8/43.85	5/45.39	7/44.19	6/44.56
POLY-3 PERCENT (g)	23%	18.3%	11%	15.8%	13.5%
TERMINAL (d)	7/25 (28%)	7/34 (21%)	5/34 (15%)	6/37 (16%)	6/31 (19%)
FIRST INCIDENCE	653	687	729 (T)	725	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.239N	P=0.396N	P=0.117N	P=0.291N	P=0.197N
POLY 1.5	P=0.253N	P=0.436N	P=0.144N	P=0.340N	P=0.228N
POLY 6	P=0.230N	P=0.345N	P=0.090N	P=0.231N	P=0.168N
RAO-SCOTT	P=0.235N	P=0.393N	P=0.127N	P=0.294N	P=0.205N
LITTER C-A/FISHERS	P=0.234N	P=0.619	P=0.160N	P=0.500N	P=0.260N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Carcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	9/50 (18%)	8/50 (16%)	5/50 (10%)	7/50 (14%)	6/50 (12%)
LITTERS (b)	8/25 (32%)	8/25 (32%)	4/25 (16%)	7/25 (28%)	5/25 (20%)
POLY-3 RATE (c)	9/39.10	8/43.85	5/45.39	7/44.19	6/44.56
POLY-3 PERCENT (g)	23%	18.3%	11%	15.8%	13.5%
TERMINAL (d)	7/25 (28%)	7/34 (21%)	5/34 (15%)	6/37 (16%)	6/31 (19%)
FIRST INCIDENCE	653	687	729 (T)	725	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.239N	P=0.396N	P=0.117N	P=0.291N	P=0.197N
POLY 1.5	P=0.253N	P=0.436N	P=0.144N	P=0.340N	P=0.228N
POLY 6	P=0.230N	P=0.345N	P=0.090N	P=0.231N	P=0.168N
RAO-SCOTT	P=0.235N	P=0.393N	P=0.127N	P=0.294N	P=0.205N
LITTER C-A/FISHERS	P=0.234N	P=0.619	P=0.160N	P=0.500N	P=0.260N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Adenoma					
TUMOR RATES					
OVERALL (a)	7/50 (14%)	14/50 (28%)	7/50 (14%)	11/50 (22%)	9/49 (18%)
LITTERS (b)	7/25 (28%)	13/25 (52%)	7/25 (28%)	11/25 (44%)	8/25 (32%)
POLY-3 RATE (c)	7/39.33	14/44.41	7/46.31	11/45.43	9/44.14
POLY-3 PERCENT (g)	17.8%	31.5%	15.1%	24.2%	20.4%
TERMINAL (d)	4/25 (16%)	10/34 (29%)	3/34 (9%)	8/37 (22%)	6/30 (20%)
FIRST INCIDENCE	597	518	615	485	648
STATISTICAL TESTS					
POLY 3	P=0.470N	P=0.114	P=0.484N	P=0.326	P=0.491
POLY 1.5	P=0.504N	P=0.094	P=0.536N	P=0.270	P=0.448
POLY 6	P=0.441N	P=0.143	P=0.421N	P=0.405	P=0.538
RAO-SCOTT	P=0.477N	P=0.112	P=0.468N	P=0.313	P=0.476
LITTER C-A/FISHERS	P=0.474N	P=0.074	P=0.623	P=0.189	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Carcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	7/50 (14%)	14/50 (28%)	7/50 (14%)	11/50 (22%)	9/49 (18%)
LITTERS (b)	7/25 (28%)	13/25 (52%)	7/25 (28%)	11/25 (44%)	8/25 (32%)
POLY-3 RATE (c)	7/39.33	14/44.41	7/46.31	11/45.43	9/44.14
POLY-3 PERCENT (g)	17.8%	31.5%	15.1%	24.2%	20.4%
TERMINAL (d)	4/25 (16%)	10/34 (29%)	3/34 (9%)	8/37 (22%)	6/30 (20%)
FIRST INCIDENCE	597	518	615	485	648
STATISTICAL TESTS					
POLY 3	P=0.470N	P=0.114	P=0.484N	P=0.326	P=0.491
POLY 1.5	P=0.504N	P=0.094	P=0.536N	P=0.270	P=0.448
POLY 6	P=0.441N	P=0.143	P=0.421N	P=0.405	P=0.538
RAO-SCOTT	P=0.477N	P=0.112	P=0.468N	P=0.313	P=0.476
LITTER C-A/FISHERS	P=0.474N	P=0.074	P=0.623	P=0.189	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	3/50 (6%)	4/50 (8%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	2/25 (8%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	3/38.54	4/44.24	2/45.39	2/44.17	1/44.56
POLY-3 PERCENT (g)	7.8%	9%	4.4%	4.5%	2.2%
TERMINAL (d)	3/25 (12%)	3/34 (9%)	2/34 (6%)	2/37 (5%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	554	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.127N	P=0.575	P=0.426N	P=0.438N	P=0.255N
POLY 1.5	P=0.135N	P=0.545	P=0.456N	P=0.469N	P=0.273N
POLY 6	P=0.121N	P=0.613	P=0.391N	P=0.397N	P=0.236N
RAO-SCOTT	P=0.143N	P=0.563	P=0.424N	P=0.434N	P=0.262N
LITTER C-A/FISHERS	P=0.142N	P=0.500	P=0.500N	P=0.500N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Fibroma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	4/25 (16%)	3/25 (12%)	0/25 (0%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	4/40.25	3/44.22	0/45.39	1/44.17	3/45.09
POLY-3 PERCENT (g)	9.9%	6.8%	0%	2.3%	6.7%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	0/34 (0%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	407	563	---	729 (T)	597
STATISTICAL TESTS					
POLY 3	P=0.500N	P=0.449N	P=0.046N*	P=0.151N	P=0.438N
POLY 1.5	P=0.500N	P=0.469N	P=0.051N	P=0.165N	P=0.461N
POLY 6	P=0.500N	P=0.422N	P=0.041N*	P=0.133N	P=0.414N
RAO-SCOTT	P=0.481N	P=0.460N	P=0.072N	P=0.183N	P=0.452N
LITTER C-A/FISHERS	P=0.500N	P=0.500N	P=0.055N	P=0.174N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	0/50 (0%)	2/50 (4%)	5/50 (10%)
LITTERS (b)	4/25 (16%)	3/25 (12%)	0/25 (0%)	2/25 (8%)	4/25 (16%)
POLY-3 RATE (c)	4/40.25	3/44.22	0/45.39	2/44.62	5/45.43
POLY-3 PERCENT (g)	9.9%	6.8%	0%	4.5%	11%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	0/34 (0%)	1/37 (3%)	2/31 (7%)
FIRST INCIDENCE	407	563	---	597	597
STATISTICAL TESTS					
POLY 3	P=0.258	P=0.449N	P=0.046N*	P=0.290N	P=0.575
POLY 1.5	P=0.254	P=0.469N	P=0.051N	P=0.314N	P=0.548
POLY 6	P=0.260	P=0.422N	P=0.041N*	P=0.258N	P=0.606
RAO-SCOTT	P=0.321	P=0.471N	P=0.083N	P=0.331N	P=0.582
LITTER C-A/FISHERS	P=0.418	P=0.500N	P=0.055N	P=0.334N	P=0.649

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	0/38.54	0/43.68	0/45.39	1/44.62	2/44.90
POLY-3 PERCENT (g)	0%	0%	0%	2.2%	4.5%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	---	597	635
STATISTICAL TESTS					
POLY 3	P=0.036*	(e)	(e)	P=0.529	P=0.273
POLY 1.5	P=0.035*	(e)	(e)	P=0.515	P=0.259
POLY 6	P=0.037*	(e)	(e)	P=0.549	P=0.289
RAO-SCOTT	P=0.094	(e)	(e)	P=0.609	P=0.370
LITTER C-A/FISHERS	P=0.031*	(e)	(e)	P=0.500	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Keratoacanthoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	2/38.54	2/44.24	1/45.39	1/44.17	1/44.56
POLY-3 PERCENT (g)	5.2%	4.5%	2.2%	2.3%	2.2%
TERMINAL (d)	2/25 (8%)	1/34 (3%)	1/34 (3%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	554	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.327N	P=0.643N	P=0.443N	P=0.453N	P=0.450N
POLY 1.5	P=0.333N	P=0.664N	P=0.466N	P=0.476N	P=0.468N
POLY 6	P=0.323N	P=0.616N	P=0.416N	P=0.421N	P=0.429N
RAO-SCOTT	P=0.333N	P=0.629N	P=0.443N	P=0.450N	P=0.448N
LITTER C-A/FISHERS	P=0.340N	P=0.695	P=0.500N	P=0.500N	P=0.500N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Sarcoma					
TUMOR 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	2/44.90
POLY-3 PERCENT (g)	0%	0%	0%	0%	4.5%
TERMINAL (d)	0/25 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	---	---	635
STATISTICAL TESTS					
POLY 3	P=0.023*	(e)	(e)	(e)	P=0.273
POLY 1.5	P=0.022*	(e)	(e)	(e)	P=0.259
POLY 6	P=0.023*	(e)	(e)	(e)	P=0.289
RAO-SCOTT	P=0.099	(e)	(e)	(e)	P=0.407
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Squamous Cell Papilloma					
TUMOR 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)	1/38.54	2/43.68	0/45.39	0/44.17	0/44.56
POLY-3 PERCENT (g)	2.6%	4.6%	0%	0%	0%
TERMINAL (d)	1/25 (4%)	2/34 (6%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.145N	P=0.544	P=0.467N	P=0.473N	P=0.471N
POLY 1.5	P=0.148N	P=0.526	P=0.481N	P=0.486N	P=0.482N
POLY 6	P=0.141N	P=0.566	P=0.452N	P=0.455N	P=0.459N
RAO-SCOTT	P=0.239N	P=0.592	P=0.580N	P=0.580N	P=0.580N
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	3/50 (6%)	4/50 (8%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	3/38.54	4/44.24	1/45.39	1/44.17	1/44.56
POLY-3 PERCENT (g)	7.8%	9%	2.2%	2.3%	2.2%
TERMINAL (d)	3/25 (12%)	3/34 (9%)	1/34 (3%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	554	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.114N	P=0.575	P=0.249N	P=0.258N	P=0.255N
POLY 1.5	P=0.118N	P=0.545	P=0.271N	P=0.281N	P=0.273N
POLY 6	P=0.109N	P=0.613	P=0.224N	P=0.228N	P=0.236N
RAO-SCOTT	P=0.141N	P=0.573	P=0.280N	P=0.286N	P=0.284N
LITTER C-A/FISHERS	P=0.122N	P=0.500	P=0.305N	P=0.305N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	3/50 (6%)	4/50 (8%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	3/38.54	4/44.24	1/45.39	1/44.17	1/44.56
POLY-3 PERCENT (g)	7.8%	9%	2.2%	2.3%	2.2%
TERMINAL (d)	3/25 (12%)	3/34 (9%)	1/34 (3%)	1/37 (3%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	554	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.114N	P=0.575	P=0.249N	P=0.258N	P=0.255N
POLY 1.5	P=0.118N	P=0.545	P=0.271N	P=0.281N	P=0.273N
POLY 6	P=0.109N	P=0.613	P=0.224N	P=0.228N	P=0.236N
RAO-SCOTT	P=0.141N	P=0.573	P=0.280N	P=0.286N	P=0.284N
LITTER C-A/FISHERS	P=0.122N	P=0.500	P=0.305N	P=0.305N	P=0.305N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Adenoma					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	3/50 (6%)	3/50 (6%)
LITTERS (b)	0/25 (0%)	3/25 (12%)	0/25 (0%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	0/38.54	3/43.68	0/45.39	3/44.17	3/44.56
POLY-3 PERCENT (g)	0%	6.9%	0%	6.8%	6.7%
TERMINAL (d)	0/25 (0%)	3/34 (9%)	0/34 (0%)	3/37 (8%)	3/31 (10%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.141	P=0.142	(e)	P=0.145	P=0.147
POLY 1.5	P=0.131	P=0.133	(e)	P=0.131	P=0.136
POLY 6	P=0.150	P=0.156	(e)	P=0.165	P=0.159
RAO-SCOTT	P=0.176	P=0.186	(e)	P=0.189	P=0.192
LITTER C-A/FISHERS	P=0.111	P=0.117	(e)	P=0.117	P=0.117

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Adenoma					
TUMOR RATES					
OVERALL (a)	9/50 (18%)	6/50 (12%)	10/50 (20%)	10/50 (20%)	12/49 (24%)
LITTERS (b)	9/25 (36%)	6/25 (24%)	10/25 (40%)	9/25 (36%)	10/25 (40%)
POLY-3 RATE (c)	9/38.92	6/44.08	10/46.06	10/44.25	12/44.39
POLY-3 PERCENT (g)	23.1%	13.6%	21.7%	22.6%	27%
TERMINAL (d)	7/25 (28%)	5/34 (15%)	8/34 (24%)	9/37 (24%)	9/31 (29%)
FIRST INCIDENCE	633	616	565	710	639
STATISTICAL TESTS					
POLY 3	P=0.169	P=0.201N	P=0.542N	P=0.581N	P=0.437
POLY 1.5	P=0.153	P=0.233N	P=0.597	P=0.563	P=0.380
POLY 6	P=0.185	P=0.162N	P=0.463N	P=0.496N	P=0.507
RAO-SCOTT	P=0.187	P=0.201N	P=0.531N	P=0.567N	P=0.430
LITTER C-A/FISHERS	P=0.298	P=0.269N	P=0.500	P=0.616	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/38.54	2/43.68	1/45.39	0/44.17	1/44.25
POLY-3 PERCENT (g)	0%	4.6%	2.2%	0%	2.3%
TERMINAL (d)	0/25 (0%)	2/34 (6%)	1/34 (3%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---	574
STATISTICAL TESTS					
POLY 3	P=0.607N	P=0.266	P=0.532	(e)	P=0.527
POLY 1.5	P=0.623N	P=0.254	P=0.519	(e)	P=0.516
POLY 6	P=0.587N	P=0.282	P=0.548	(e)	P=0.541
RAO-SCOTT	P=0.630N	P=0.323	P=0.575	(e)	P=0.571
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	9/50 (18%)	8/50 (16%)	11/50 (22%)	10/50 (20%)	13/49 (27%)
LITTERS (b)	9/25 (36%)	8/25 (32%)	11/25 (44%)	9/25 (36%)	11/25 (44%)
POLY-3 RATE (c)	9/38.92	8/44.08	11/46.06	10/44.25	13/44.90
POLY-3 PERCENT (g)	23.1%	18.2%	23.9%	22.6%	29%
TERMINAL (d)	7/25 (28%)	7/34 (21%)	9/34 (27%)	9/37 (24%)	9/31 (29%)
FIRST INCIDENCE	633	616	565	710	574
STATISTICAL TESTS					
POLY 3	P=0.194	P=0.387N	P=0.569	P=0.581N	P=0.361
POLY 1.5	P=0.169	P=0.431N	P=0.501	P=0.563	P=0.301
POLY 6	P=0.220	P=0.331N	P=0.554N	P=0.496N	P=0.436
RAO-SCOTT	P=0.205	P=0.376N	P=0.556	P=0.566N	P=0.353
LITTER C-A/FISHERS	P=0.301	P=0.500N	P=0.387	P=0.616	P=0.387

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated					
TUMOR 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)	1/38.94	2/44.44	2/45.72	0/44.17	2/44.98
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%)	0/31 (0%)
FIRST INCIDENCE	615	616	674	---	657
STATISTICAL TESTS					
POLY 3	P=0.591	P=0.546	P=0.556	P=0.475N	P=0.550
POLY 1.5	P=0.577	P=0.528	P=0.533	P=0.487N	P=0.531
POLY 6	P=0.605	P=0.570	P=0.582	P=0.458N	P=0.570
RAO-SCOTT	P=0.586	P=0.542	P=0.553	P=0.476N	P=0.547
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	2/39.00	1/43.68	1/45.43	1/45.13	3/45.75
POLY-3 PERCENT (g)	5.1%	2.3%	2.2%	2.2%	6.6%
TERMINAL (d)	0/25 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)	0/31 (0%)
FIRST INCIDENCE	608	729 (T)	721	246	414
STATISTICAL TESTS					
POLY 3	P=0.284	P=0.460N	P=0.447N	P=0.449N	P=0.572
POLY 1.5	P=0.277	P=0.476N	P=0.468N	P=0.472N	P=0.546
POLY 6	P=0.288	P=0.441N	P=0.423N	P=0.420N	P=0.600
RAO-SCOTT	P=0.326	P=0.462N	P=0.453N	P=0.455N	P=0.569
LITTER C-A/FISHERS	P=0.259	P=0.500N	P=0.500N	P=0.500N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Benign Tumors					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	25/50 (50%)	31/50 (62%)	28/50 (56%)	37/50 (74%)	29/50 (58%)
LITTERS (b)	18/25 (72%)	22/25 (88%)	21/25 (84%)	23/25 (92%)	21/25 (84%)
POLY-3 RATE (c)	25/42.64	31/46.58	28/47.51	37/45.52	29/46.45
POLY-3 PERCENT (g)	58.6%	66.6%	58.9%	81.3%	62.4%
TERMINAL (d)	14/25 (56%)	22/34 (65%)	18/34 (53%)	32/37 (87%)	20/31 (65%)
FIRST INCIDENCE	407	518	565	485	597
STATISTICAL TESTS					
POLY 3	P=0.335	P=0.284	P=0.574	P=0.012*	P=0.439
POLY 1.5	P=0.304	P=0.229	P=0.480	P=0.008**	P=0.377
POLY 6	P=0.357	P=0.360	P=0.492N	P=0.022*	P=0.505
RAO-SCOTT	P=0.329	P=0.286	P=0.566	P=0.018*	P=0.433
LITTER C-A/FISHERS	P=0.273	P=0.145	P=0.248	P=0.069	P=0.248

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Malignant Tumors					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	9/50 (18%)	9/50 (18%)	12/50 (24%)	10/50 (20%)	19/50 (38%)
LITTERS (b)	7/25 (28%)	9/25 (36%)	11/25 (44%)	10/25 (40%)	15/25 (60%)
POLY-3 RATE (c)	9/41.01	9/45.25	12/47.02	10/47.27	19/47.55
POLY-3 PERCENT (g)	21.9%	19.9%	25.5%	21.2%	40%
TERMINAL (d)	3/25 (12%)	6/34 (18%)	5/34 (15%)	5/37 (14%)	9/31 (29%)
FIRST INCIDENCE	314	414	566	171	414
STATISTICAL TESTS					
POLY 3	P=0.015*	P=0.512N	P=0.444	P=0.567N	P=0.053
POLY 1.5	P=0.012*	P=0.547N	P=0.387	P=0.580	P=0.038*
POLY 6	P=0.019*	P=0.468N	P=0.515	P=0.495N	P=0.078
RAO-SCOTT	P=0.022*	P=0.506N	P=0.443	P=0.561N	P=0.064
LITTER C-A/FISHERS	P=0.017*	P=0.381	P=0.189	P=0.276	P=0.023*

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Malignant and Benign Tumors					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	30/50 (60%)	36/50 (72%)	34/50 (68%)	43/50 (86%)	40/50 (80%)
LITTERS (b)	20/25 (80%)	22/25 (88%)	21/25 (84%)	25/25 (100%)	24/25 (96%)
POLY-3 RATE (c)	30/44.68	36/47.76	34/48.32	43/48.47	40/49.10
POLY-3 PERCENT (g)	67.1%	75.4%	70.4%	88.7%	81.5%
TERMINAL (d)	15/25 (60%)	25/34 (74%)	21/34 (62%)	34/37 (92%)	23/31 (74%)
FIRST INCIDENCE	314	414	565	171	414
STATISTICAL TESTS					
POLY 3	P=0.035*	P=0.252	P=0.455	P=0.007**	P=0.079
POLY 1.5	P=0.023*	P=0.207	P=0.370	P=0.004**	P=0.050*
POLY 6	P=0.058	P=0.308	P=0.559	P=0.014*	P=0.131
RAO-SCOTT	P=0.058	P=0.290	P=0.471	P=0.022*	P=0.117
LITTER C-A/FISHERS	P=0.031*	P=0.351	P=0.500	P=0.025*	P=0.095

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Adenoma					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	0/35.66	0/41.71	0/42.45	2/44.00	2/42.47
POLY-3 PERCENT (g)	0%	0%	0%	4.6%	4.7%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	632	620
STATISTICAL TESTS					
POLY 3	P=0.044*	(e)	(e)	P=0.287	P=0.278
POLY 1.5	P=0.041*	(e)	(e)	P=0.265	P=0.262
POLY 6	P=0.046*	(e)	(e)	P=0.315	P=0.297
RAO-SCOTT	P=0.096	(e)	(e)	P=0.363	P=0.352
LITTER C-A/FISHERS	P=0.036*	(e)	(e)	P=0.245	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Pheochromocytoma Benign					
<hr/>					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/48 (2%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	1/41.72	0/42.45	1/43.65	1/40.43
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%	2.5%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	---	730	---	731 (T)	731 (T)
<hr/>					
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Pheochromocytoma: Benign, Complex, Malignant, NOS					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/48 (2%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/35.66	1/41.72	0/42.45	1/43.65	1/40.43
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%	2.5%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	1/34 (3%)	1/33 (3%)
FIRST INCIDENCE	---	730	---	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Granular Cell Tumor Benign					
TUMOR 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)	0/35.66	0/41.71	0/42.45	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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: Site Unspecified Carcinoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Adenoma					
TUMOR RATES					
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.17	1/41.71	1/42.45	0/43.65	0/41.81
POLY-3 PERCENT (g)	0%	2.4%	2.4%	0%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Adenoma					
TUMOR 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)	0/35.66	0/41.71	0/42.45	0/43.65	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=0.095	(e)	(e)	(e)	P=0.395
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma					
TUMOR 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)	0/35.66	0/41.71	0/42.45	0/43.65	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=0.095	(e)	(e)	(e)	P=0.395
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Cholangioma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	1/35.66	0/41.71	1/42.45	0/43.65	3/41.81
POLY-3 PERCENT (g)	2.8%	0%	2.4%	0%	7.2%
TERMINAL (d)	1/22 (5%)	0/31 (0%)	1/33 (3%)	0/34 (0%)	3/33 (9%)
FIRST INCIDENCE	731 (T)	---	731 (T)	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.078	P=0.469N	P=0.721N	P=0.460N	P=0.364
POLY 1.5	P=0.077	P=0.480N	P=0.737N	P=0.477N	P=0.342
POLY 6	P=0.079	P=0.455N	P=0.701N	P=0.440N	P=0.389
RAO-SCOTT	P=0.129	P=0.492N	P=0.707N	P=0.491N	P=0.392
LITTER C-A/FISHERS	P=0.073	P=0.500N	P=0.755	P=0.500N	P=0.305

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Adenoma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	3/50 (6%)	3/50 (6%)
LITTERS (b)	1/25 (4%)	3/25 (12%)	0/25 (0%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	1/36.02	3/42.30	0/42.45	3/43.65	3/41.81
POLY-3 PERCENT (g)	2.8%	7.1%	0%	6.9%	7.2%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	0/33 (0%)	3/34 (9%)	3/33 (9%)
FIRST INCIDENCE	630	546	---	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.244	P=0.365	P=0.467N	P=0.377	P=0.360
POLY 1.5	P=0.234	P=0.342	P=0.480N	P=0.347	P=0.340
POLY 6	P=0.253	P=0.390	P=0.453N	P=0.415	P=0.382
RAO-SCOTT	P=0.266	P=0.373	P=0.462N	P=0.386	P=0.368
LITTER C-A/FISHERS	P=0.207	P=0.305	P=0.500N	P=0.305	P=0.305

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Carcinoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Carcinoma or Hepatocellular Adenoma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	3/50 (6%)	3/50 (6%)
LITTERS (b)	1/25 (4%)	3/25 (12%)	0/25 (0%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	1/36.02	3/42.30	0/42.45	3/43.65	3/41.81
POLY-3 PERCENT (g)	2.8%	7.1%	0%	6.9%	7.2%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	0/33 (0%)	3/34 (9%)	3/33 (9%)
FIRST INCIDENCE	630	546	---	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.244	P=0.365	P=0.467N	P=0.377	P=0.360
POLY 1.5	P=0.234	P=0.342	P=0.480N	P=0.347	P=0.340
POLY 6	P=0.253	P=0.390	P=0.453N	P=0.415	P=0.382
RAO-SCOTT	P=0.266	P=0.373	P=0.462N	P=0.386	P=0.368
LITTER C-A/FISHERS	P=0.207	P=0.305	P=0.500N	P=0.305	P=0.305

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma					
TUMOR RATES					
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	3/50 (6%)	3/50 (6%)
LITTERS (b)	1/25 (4%)	3/25 (12%)	0/25 (0%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	1/36.02	3/42.30	0/42.45	3/43.65	3/41.81
POLY-3 PERCENT (g)	2.8%	7.1%	0%	6.9%	7.2%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	0/33 (0%)	3/34 (9%)	3/33 (9%)
FIRST INCIDENCE	630	546	---	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.244	P=0.365	P=0.467N	P=0.377	P=0.360
POLY 1.5	P=0.234	P=0.342	P=0.480N	P=0.347	P=0.340
POLY 6	P=0.253	P=0.390	P=0.453N	P=0.415	P=0.382
RAO-SCOTT	P=0.266	P=0.373	P=0.462N	P=0.386	P=0.368
LITTER C-A/FISHERS	P=0.207	P=0.305	P=0.500N	P=0.305	P=0.305

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	4/50 (8%)	3/50 (6%)	4/50 (8%)	1/50 (2%)
LITTERS (b)	1/25 (4%)	4/25 (16%)	3/25 (12%)	4/25 (16%)	1/25 (4%)
POLY-3 RATE (c)	1/35.80	4/42.74	3/42.45	4/43.65	1/42.30
POLY-3 PERCENT (g)	2.8%	9.4%	7.1%	9.2%	2.4%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	3/33 (9%)	4/34 (12%)	0/33 (0%)
FIRST INCIDENCE	695	289	731 (T)	731 (T)	584
STATISTICAL TESTS					
POLY 3	P=0.305N	P=0.236	P=0.368	P=0.244	P=0.722N
POLY 1.5	P=0.332N	P=0.215	P=0.344	P=0.216	P=0.737N
POLY 6	P=0.279N	P=0.262	P=0.398	P=0.283	P=0.706N
RAO-SCOTT	P=0.342N	P=0.237	P=0.357	P=0.245	P=0.686N
LITTER C-A/FISHERS	P=0.378N	P=0.174	P=0.305	P=0.174	P=0.755

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	5/50 (10%)	3/50 (6%)	4/50 (8%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	5/25 (20%)	3/25 (12%)	4/25 (16%)	2/25 (8%)
POLY-3 RATE (c)	1/35.80	5/42.74	3/42.45	4/43.65	2/42.30
POLY-3 PERCENT (g)	2.8%	11.7%	7.1%	9.2%	4.7%
TERMINAL (d)	0/22 (0%)	3/31 (10%)	3/33 (9%)	4/34 (12%)	1/33 (3%)
FIRST INCIDENCE	695	289	731 (T)	731 (T)	584
STATISTICAL TESTS					
POLY 3	P=0.413N	P=0.147	P=0.368	P=0.244	P=0.558
POLY 1.5	P=0.444N	P=0.129	P=0.344	P=0.216	P=0.537
POLY 6	P=0.381N	P=0.168	P=0.398	P=0.283	P=0.581
RAO-SCOTT	P=0.443N	P=0.144	P=0.346	P=0.234	P=0.522
LITTER C-A/FISHERS	P=0.500N	P=0.095	P=0.305	P=0.174	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Fibroadenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	29/50 (58%)	28/50 (56%)	29/50 (58%)	20/50 (40%)	23/50 (46%)
LITTERS (b)	21/25 (84%)	17/25 (68%)	21/25 (84%)	17/25 (68%)	17/25 (68%)
POLY-3 RATE (c)	29/45.01	28/45.73	29/47.58	20/45.26	23/45.18
POLY-3 PERCENT (g)	64.4%	61.2%	61%	44.2%	50.9%
TERMINAL (d)	10/22 (46%)	18/31 (58%)	19/33 (58%)	14/34 (41%)	15/33 (46%)
FIRST INCIDENCE	289	375	232	406	580
STATISTICAL TESTS					
POLY 3	P=0.053N	P=0.460N	P=0.447N	P=0.038N*	P=0.133N
POLY 1.5	P=0.055N	P=0.468N	P=0.483N	P=0.044N*	P=0.139N
POLY 6	P=0.049N*	P=0.461N	P=0.428N	P=0.033N*	P=0.128N
RAO-SCOTT	P=0.063N	P=0.460N	P=0.448N	P=0.047N*	P=0.145N
LITTER C-A/FISHERS	P=0.155N	P=0.160N	P=0.649	P=0.160N	P=0.160N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibroma, Fibroadenoma or Adenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	29/50 (58%)	29/50 (58%)	29/50 (58%)	20/50 (40%)	24/50 (48%)
LITTERS (b)	21/25 (84%)	18/25 (72%)	21/25 (84%)	17/25 (68%)	17/25 (68%)
POLY-3 RATE (c)	29/45.01	29/45.73	29/47.58	20/45.26	24/45.18
POLY-3 PERCENT (g)	64.4%	63.4%	61%	44.2%	53.1%
TERMINAL (d)	10/22 (46%)	19/31 (61%)	19/33 (58%)	14/34 (41%)	16/33 (49%)
FIRST INCIDENCE	289	375	232	406	580
STATISTICAL TESTS					
POLY 3	P=0.070N	P=0.548N	P=0.447N	P=0.038N*	P=0.185N
POLY 1.5	P=0.073N	P=0.554N	P=0.483N	P=0.044N*	P=0.191N
POLY 6	P=0.066N	P=0.553N	P=0.428N	P=0.033N*	P=0.180N
RAO-SCOTT	P=0.080N	P=0.542N	P=0.447N	P=0.046N*	P=0.194N
LITTER C-A/FISHERS	P=0.121N	P=0.248N	P=0.649	P=0.160N	P=0.160N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibroma, Fibroadenoma, Carcinoma, or Adenoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	30/50 (60%)	30/50 (60%)	30/50 (60%)	23/50 (46%)	25/50 (50%)
LITTERS (b)	22/25 (88%)	19/25 (76%)	21/25 (84%)	19/25 (76%)	17/25 (68%)
POLY-3 RATE (c)	30/45.15	30/46.66	30/47.58	23/45.26	25/45.67
POLY-3 PERCENT (g)	66.5%	64.3%	63.1%	50.8%	54.7%
TERMINAL (d)	10/22 (46%)	19/31 (61%)	20/33 (61%)	17/34 (50%)	16/33 (49%)
FIRST INCIDENCE	289	289	232	406	580
STATISTICAL TESTS					
POLY 3	P=0.084N	P=0.501N	P=0.449N	P=0.092N	P=0.172N
POLY 1.5	P=0.088N	P=0.516N	P=0.483N	P=0.100N	P=0.183N
POLY 6	P=0.076N	P=0.506N	P=0.438N	P=0.085N	P=0.162N
RAO-SCOTT	P=0.095N	P=0.499N	P=0.451N	P=0.104N	P=0.184N
LITTER C-A/FISHERS	P=0.072N	P=0.232N	P=0.500N	P=0.232N	P=0.085N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Tumor Benign					
TUMOR 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=0.094	(e)	(e)	(e)	P=0.394
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Tumor Malignant					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/49 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	3/25 (12%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/35.66	1/41.71	3/43.20	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	2.4%	6.9%	0%	0%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	731 (T)	596	---	---
STATISTICAL TESTS					
POLY 3	P=0.240N	P=0.531	P=0.157	(e)	(e)
POLY 1.5	P=0.261N	P=0.520	P=0.141	(e)	(e)
POLY 6	P=0.217N	P=0.544	P=0.178	(e)	(e)
RAO-SCOTT	P=0.335N	P=0.571	P=0.225	(e)	(e)
LITTER C-A/FISHERS	P=0.295N	P=0.500	P=0.117	(e)	(e)

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Tumor: Benign, Malignant, NOS					
TUMOR RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/49 (0%)	2/50 (4%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	3/25 (12%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/35.66	1/41.71	3/43.20	0/42.68	2/41.81
POLY-3 PERCENT (g)	0%	2.4%	6.9%	0%	4.8%
TERMINAL (d)	0/22 (0%)	1/31 (3%)	0/33 (0%)	0/34 (0%)	2/33 (6%)
FIRST INCIDENCE	---	731 (T)	596	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.388	P=0.531	P=0.157	(e)	P=0.274
POLY 1.5	P=0.366	P=0.520	P=0.141	(e)	P=0.260
POLY 6	P=0.412	P=0.544	P=0.178	(e)	P=0.290
RAO-SCOTT	P=0.389	P=0.540	P=0.200	(e)	P=0.310
LITTER C-A/FISHERS	P=0.329	P=0.500	P=0.117	(e)	P=0.245

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Adenoma					
TUMOR RATES					
OVERALL (a)	0/49 (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)	0/35.19	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Carcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	0/49 (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)	0/35.19	1/42.04	0/42.45	1/43.65	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%)	1/34 (3%)	0/33 (0%)
FIRST INCIDENCE	---	642	---	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Adenoma					
TUMOR RATES					
OVERALL (a)	11/50 (22%)	11/50 (22%)	10/50 (20%)	10/50 (20%)	10/49 (20%)
LITTERS (b)	9/25 (36%)	8/25 (32%)	10/25 (40%)	8/25 (32%)	7/25 (28%)
POLY-3 RATE (c)	11/36.82	11/42.16	10/42.94	10/43.65	10/42.32
POLY-3 PERCENT (g)	29.9%	26.1%	23.3%	22.9%	23.6%
TERMINAL (d)	8/22 (36%)	9/31 (29%)	8/33 (24%)	10/34 (29%)	8/33 (24%)
FIRST INCIDENCE	453	661	657	731 (T)	622
STATISTICAL TESTS					
POLY 3	P=0.349N	P=0.451N	P=0.340N	P=0.325N	P=0.354N
POLY 1.5	P=0.384N	P=0.506N	P=0.401N	P=0.396N	P=0.413N
POLY 6	P=0.319N	P=0.387N	P=0.271N	P=0.245N	P=0.294N
RAO-SCOTT	P=0.360N	P=0.458N	P=0.361N	P=0.347N	P=0.374N
LITTER C-A/FISHERS	P=0.296N	P=0.500N	P=0.500	P=0.500N	P=0.381N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Carcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	11/50 (22%)	12/50 (24%)	10/50 (20%)	10/50 (20%)	10/49 (20%)
LITTERS (b)	9/25 (36%)	9/25 (36%)	10/25 (40%)	8/25 (32%)	7/25 (28%)
POLY-3 RATE (c)	11/36.82	12/42.62	10/42.94	10/43.65	10/42.32
POLY-3 PERCENT (g)	29.9%	28.2%	23.3%	22.9%	23.6%
TERMINAL (d)	8/22 (36%)	9/31 (29%)	8/33 (24%)	10/34 (29%)	8/33 (24%)
FIRST INCIDENCE	453	596	657	731 (T)	622
STATISTICAL TESTS					
POLY 3	P=0.310N	P=0.532N	P=0.340N	P=0.325N	P=0.354N
POLY 1.5	P=0.343N	P=0.592N	P=0.401N	P=0.396N	P=0.413N
POLY 6	P=0.282N	P=0.458N	P=0.271N	P=0.245N	P=0.294N
RAO-SCOTT	P=0.326N	P=0.529N	P=0.359N	P=0.346N	P=0.372N
LITTER C-A/FISHERS	P=0.253N	P=0.616	P=0.500	P=0.500N	P=0.381N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibroma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	3/25 (12%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/36.12	0/41.71	3/43.45	1/43.65	2/41.81
POLY-3 PERCENT (g)	2.8%	0%	6.9%	2.3%	4.8%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	1/33 (3%)	1/34 (3%)	2/33 (6%)
FIRST INCIDENCE	596	---	564	731 (T)	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.377	P=0.471N	P=0.374	P=0.717N	P=0.551
POLY 1.5	P=0.365	P=0.482N	P=0.347	P=0.735N	P=0.533
POLY 6	P=0.390	P=0.460N	P=0.407	P=0.693N	P=0.570
RAO-SCOTT	P=0.387	P=0.460N	P=0.381	P=0.694N	P=0.538
LITTER C-A/FISHERS	P=0.340	P=0.500N	P=0.305	P=0.755	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	4/50 (8%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	4/25 (16%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	2/37.01	0/41.71	4/43.85	2/44.62	2/41.81
POLY-3 PERCENT (g)	5.4%	0%	9.1%	4.5%	4.8%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	1/33 (3%)	1/34 (3%)	2/33 (6%)
FIRST INCIDENCE	345	---	564	225	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.535	P=0.211N	P=0.418	P=0.625N	P=0.650N
POLY 1.5	P=0.523	P=0.221N	P=0.385	P=0.653N	P=0.666N
POLY 6	P=0.546	P=0.200N	P=0.460	P=0.590N	P=0.631N
RAO-SCOTT	P=0.527	P=0.208N	P=0.410	P=0.604N	P=0.624N
LITTER C-A/FISHERS	P=0.500	P=0.245N	P=0.334	P=0.695	P=0.695

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/36.56	0/41.71	1/42.85	1/44.62	0/41.81
POLY-3 PERCENT (g)	2.7%	0%	2.3%	2.2%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	345	---	616	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Keratoacanthoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Sarcoma					
TUMOR 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	1/42.85	1/44.62	0/41.81
POLY-3 PERCENT (g)	0%	0%	2.3%	2.2%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	616	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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Squamous Cell Papilloma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma					
TUMOR 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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Adenoma					
TUMOR RATES					
OVERALL (a)	10/50 (20%)	12/50 (24%)	10/50 (20%)	9/50 (18%)	12/49 (24%)
LITTERS (b)	8/25 (32%)	10/25 (40%)	8/25 (32%)	9/25 (36%)	12/25 (48%)
POLY-3 RATE (c)	10/36.57	12/43.12	10/43.01	9/43.68	12/42.16
POLY-3 PERCENT (g)	27.4%	27.8%	23.3%	20.6%	28.5%
TERMINAL (d)	8/22 (36%)	9/31 (29%)	7/33 (21%)	7/34 (21%)	11/33 (33%)
FIRST INCIDENCE	503	529	657	724	596
STATISTICAL TESTS					
POLY 3	P=0.515	P=0.581	P=0.436N	P=0.329N	P=0.557
POLY 1.5	P=0.483	P=0.513	P=0.501N	P=0.398N	P=0.494
POLY 6	P=0.540	P=0.541N	P=0.358N	P=0.250N	P=0.581N
RAO-SCOTT	P=0.519	P=0.566	P=0.430N	P=0.330N	P=0.543
LITTER C-A/FISHERS	P=0.164	P=0.384	P=0.619	P=0.500	P=0.193

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma					
TUMOR RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/49 (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	2/42.45	0/43.65	1/41.70
POLY-3 PERCENT (g)	5.6%	0%	4.7%	0%	2.4%
TERMINAL (d)	2/22 (9%)	0/31 (0%)	2/33 (6%)	0/34 (0%)	1/33 (3%)
FIRST INCIDENCE	731 (T)	---	731 (T)	---	731 (T)
STATISTICAL TESTS					
POLY 3	P=0.436N	P=0.204N	P=0.630N	P=0.195N	P=0.446N
POLY 1.5	P=0.438N	P=0.216N	P=0.655N	P=0.212N	P=0.468N
POLY 6	P=0.435N	P=0.190N	P=0.598N	P=0.176N	P=0.422N
RAO-SCOTT	P=0.444N	P=0.263N	P=0.628N	P=0.257N	P=0.475N
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	12/50 (24%)	12/50 (24%)	12/50 (24%)	9/50 (18%)	13/49 (27%)
LITTERS (b)	9/25 (36%)	10/25 (40%)	10/25 (40%)	9/25 (36%)	12/25 (48%)
POLY-3 RATE (c)	12/36.57	12/43.12	12/43.01	9/43.68	13/42.16
POLY-3 PERCENT (g)	32.8%	27.8%	27.9%	20.6%	30.8%
TERMINAL (d)	10/22 (46%)	9/31 (29%)	9/33 (27%)	7/34 (21%)	12/33 (36%)
FIRST INCIDENCE	503	529	657	724	596
STATISTICAL TESTS					
POLY 3	P=0.511N	P=0.405N	P=0.408N	P=0.161N	P=0.522N
POLY 1.5	P=0.542N	P=0.478N	P=0.481N	P=0.217N	P=0.588N
POLY 6	P=0.488N	P=0.322N	P=0.321N	P=0.106N	P=0.449N
RAO-SCOTT	P=0.493N	P=0.403N	P=0.406N	P=0.173N	P=0.511N
LITTER C-A/FISHERS	P=0.259	P=0.500	P=0.500	P=0.616	P=0.284

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Adenocarcinoma					
TUMOR RATES					
OVERALL (a)	3/50 (6%)	4/50 (8%)	6/50 (12%)	8/49 (16%)	8/50 (16%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	6/25 (24%)	8/25 (32%)	8/25 (32%)
POLY-3 RATE (c)	3/36.31	4/41.90	6/42.63	8/42.99	8/43.17
POLY-3 PERCENT (g)	8.3%	9.6%	14.1%	18.6%	18.5%
TERMINAL (d)	1/22 (5%)	2/31 (7%)	3/33 (9%)	6/34 (18%)	4/33 (12%)
FIRST INCIDENCE	575	683	704	669	574
STATISTICAL TESTS					
POLY 3	P=0.086	P=0.578	P=0.326	P=0.159	P=0.160
POLY 1.5	P=0.072	P=0.550	P=0.293	P=0.128	P=0.135
POLY 6	P=0.103	P=0.609	P=0.367	P=0.204	P=0.194
RAO-SCOTT	P=0.082	P=0.546	P=0.302	P=0.147	P=0.148
LITTER C-A/FISHERS	P=0.042*	P=0.500	P=0.232	P=0.085	P=0.085

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Adenocarcinoma or Adenoma					
TUMOR RATES					
OVERALL (a)	3/50 (6%)	4/50 (8%)	6/50 (12%)	8/49 (16%)	9/50 (18%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	6/25 (24%)	8/25 (32%)	9/25 (36%)
POLY-3 RATE (c)	3/36.31	4/41.90	6/42.63	8/42.99	9/43.17
POLY-3 PERCENT (g)	8.3%	9.6%	14.1%	18.6%	20.9%
TERMINAL (d)	1/22 (5%)	2/31 (7%)	3/33 (9%)	6/34 (18%)	5/33 (15%)
FIRST INCIDENCE	575	683	704	669	574
STATISTICAL TESTS					
POLY 3	P=0.045*	P=0.578	P=0.326	P=0.159	P=0.105
POLY 1.5	P=0.037*	P=0.550	P=0.293	P=0.128	P=0.086
POLY 6	P=0.055	P=0.609	P=0.367	P=0.204	P=0.133
RAO-SCOTT	P=0.043*	P=0.546	P=0.301	P=0.146	P=0.098
LITTER C-A/FISHERS	P=0.019*	P=0.500	P=0.232	P=0.085	P=0.048*

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 PRIMARY TUMORS 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					
Neural Crest Tumor					
TUMOR 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	2/41.71	0/42.45	0/42.68	0/41.81
POLY-3 PERCENT (g)	0%	4.8%	0%	0%	0%
TERMINAL (d)	0/22 (0%)	2/31 (7%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	731 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.269N	P=0.273	(e)	(e)	(e)
POLY 1.5	P=0.283N	P=0.259	(e)	(e)	(e)
POLY 6	P=0.253N	P=0.290	(e)	(e)	(e)
RAO-SCOTT	P=0.399N	P=0.386	(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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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					
Polyp Stromal					
TUMOR RATES					
OVERALL (a)	5/50 (10%)	15/50 (30%)	6/50 (12%)	7/49 (14%)	13/50 (26%)
LITTERS (b)	5/25 (20%)	13/25 (52%)	6/25 (24%)	7/25 (28%)	11/25 (44%)
POLY-3 RATE (c)	5/36.88	15/42.88	6/42.72	7/42.91	13/42.69
POLY-3 PERCENT (g)	13.6%	35%	14%	16.3%	30.5%
TERMINAL (d)	2/22 (9%)	12/31 (39%)	5/33 (15%)	6/34 (18%)	11/33 (33%)
FIRST INCIDENCE	577	529	657	669	584
STATISTICAL TESTS					
POLY 3	P=0.197	P=0.023*	P=0.603	P=0.488	P=0.060
POLY 1.5	P=0.172	P=0.017*	P=0.565	P=0.437	P=0.049*
POLY 6	P=0.223	P=0.031*	P=0.611N	P=0.549	P=0.075
RAO-SCOTT	P=0.191	P=0.029*	P=0.582	P=0.472	P=0.066
LITTER C-A/FISHERS	P=0.192	P=0.019*	P=0.500	P=0.371	P=0.064

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 PRIMARY TUMORS 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
All Organs					
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	4/50 (8%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	4/25 (16%)	0/25 (0%)
POLY-3 RATE (c)	2/36.35	0/41.71	0/42.45	4/44.16	0/41.81
POLY-3 PERCENT (g)	5.5%	0%	0%	9.1%	0%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	2/34 (6%)	0/33 (0%)
FIRST INCIDENCE	596	---	---	634	---
STATISTICAL TESTS					
POLY 3	P=0.499N	P=0.207N	P=0.204N	P=0.430	P=0.207N
POLY 1.5	P=0.497N	P=0.218N	P=0.216N	P=0.391	P=0.217N
POLY 6	P=0.504N	P=0.197N	P=0.191N	P=0.479	P=0.197N
RAO-SCOTT	P=0.497N	P=0.283N	P=0.281N	P=0.467	P=0.282N
LITTER C-A/FISHERS	P=0.500N	P=0.245N	P=0.245N	P=0.334	P=0.245N

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type					
TUMOR 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	1/42.04
POLY-3 PERCENT (g)	0%	0%	0%	0%	2.4%
TERMINAL (d)	0/22 (0%)	0/31 (0%)	0/33 (0%)	0/34 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---	670
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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Benign Tumors					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	41/50 (82%)	41/50 (82%)	39/50 (78%)	35/50 (70%)	41/50 (82%)
LITTERS (b)	24/25 (96%)	24/25 (96%)	25/25 (100%)	22/25 (88%)	25/25 (100%)
POLY-3 RATE (c)	41/46.06	41/46.66	39/48.80	35/45.88	41/46.28
POLY-3 PERCENT (g)	89%	87.9%	79.9%	76.3%	88.6%
TERMINAL (d)	19/22 (86%)	28/31 (90%)	26/33 (79%)	26/34 (77%)	30/33 (91%)
FIRST INCIDENCE	289	375	232	406	580
STATISTICAL TESTS					
POLY 3	P=0.519N	P=0.566N	P=0.161N	P=0.077N	P=0.614N
POLY 1.5	P=0.502N	P=0.572N	P=0.224N	P=0.092N	P=0.608N
POLY 6	P=0.515N	P=0.570N	P=0.123N	P=0.063N	P=0.609N
RAO-SCOTT	P=0.515N	P=0.563N	P=0.195N	P=0.107N	P=0.604N
LITTER C-A/FISHERS	P=0.500	P=0.755	P=0.500	P=0.305N	P=0.500

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 08/25/2021

Time Report Requested: 17:52:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Malignant Tumors					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	10/50 (20%)	13/50 (26%)	15/50 (30%)	20/50 (40%)	16/50 (32%)
LITTERS (b)	10/25 (40%)	11/25 (44%)	15/25 (60%)	17/25 (68%)	15/25 (60%)
POLY-3 RATE (c)	10/38.44	13/44.55	15/43.72	20/45.45	16/45.33
POLY-3 PERCENT (g)	26%	29.2%	34.3%	44%	35.3%
TERMINAL (d)	4/22 (18%)	5/31 (16%)	9/33 (27%)	15/34 (44%)	8/33 (24%)
FIRST INCIDENCE	345	289	596	225	402
STATISTICAL TESTS					
POLY 3	P=0.179	P=0.470	P=0.281	P=0.066	P=0.248
POLY 1.5	P=0.142	P=0.413	P=0.237	P=0.044*	P=0.196
POLY 6	P=0.226	P=0.534	P=0.342	P=0.104	P=0.316
RAO-SCOTT	P=0.168	P=0.452	P=0.268	P=0.064	P=0.236
LITTER C-A/FISHERS	P=0.072	P=0.500	P=0.129	P=0.044*	P=0.129

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
All Organs					
Malignant and Benign Tumors					
TUMOR RATES	#	#	#	#	#
OVERALL (a)	46/50 (92%)	47/50 (94%)	44/50 (88%)	42/50 (84%)	47/50 (94%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	24/25 (96%)	25/25 (100%)
POLY-3 RATE (c)	46/48.46	47/48.60	44/50.00	42/46.93	47/48.25
POLY-3 PERCENT (g)	94.9%	96.7%	88%	89.5%	97.4%
TERMINAL (d)	20/22 (91%)	30/31 (97%)	27/33 (82%)	31/34 (91%)	32/33 (97%)
FIRST INCIDENCE	289	289	232	225	402
STATISTICAL TESTS					
POLY 3	P=0.379	P=0.528	P=0.191N	P=0.257N	P=0.453
POLY 1.5	P=0.424	P=0.548	P=0.231N	P=0.206N	P=0.472
POLY 6	P=0.362	P=0.499	P=0.164N	P=0.330N	P=0.466
RAO-SCOTT	P=0.413	P=0.561	P=0.242N	P=0.316N	P=0.499
LITTER C-A/FISHERS	P=0.639N	P=1.000	P=1.000	P=0.500N	P=1.000

Experiment Number: 20712 - 03

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

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Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of litters with tumor-bearing animals/number of litters examined at site
- (c) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (n) No statistics are calculated if 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 ***