

**Experiment Number:** 20712 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** MICE/B6C3F1/N

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
Tris(Chloropropyl)phosphate  
**CAS Number:** 13674-84-5

**Date Report Requested:** 09/14/2020  
**Time Report Requested:** 10:18:26  
**First Dose M/F:** 10/25/11 / 10/24/11  
**Lab:** BAT

Final 2\_Mice

**NTP Study Number:** C20712  
**Lock Date:** 02/26/2018  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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**HISTORICAL CONTROL STUDIES**  
**From August 2017 report**

**SAME ROUTE**

10260-02 -- 2-Hydroxy-4-methoxybenzophenone (ORAL FEED)

**ALL ROUTES**

10260-02 -- 2-Hydroxy-4-methoxybenzophenone (ORAL FEED)

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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

Liver

Lung

Pituitary Gland

Spleen

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

### MALE MICE

#### Organ

Harderian Gland

Liver

Skin  
All Organs

#### Morphology

Adenoma  
Carcinoma  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma or Hepatoblastoma  
Fibrosarcoma  
Hemangiosarcoma or Hemangioma  
Malignant Tumors  
Malignant and Benign Tumors

### FEMALE MICE

#### Organ

Harderian Gland

Liver

Lung

Mammary Gland  
Pituitary Gland: Pars Distalis or Unspecified Site  
Skin  
All Organs

#### Morphology

Adenoma  
Carcinoma  
Carcinoma or Adenoma  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma or Hepatoblastoma  
Hepatocellular Carcinoma or Hepatocellular Adenoma  
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma  
Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma  
Adenoma  
Adenoma  
Fibrosarcoma  
Benign Tumors  
Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Adrenal Cortex</b>				
<b>Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/45.16	0/47.66	2/46.88	0/48.04
POLY-3 PERCENT (g)	2.2%	0%	4.3%	0%
TERMINAL (d)	1/39 (3%)	0/44 (0%)	2/42 (5%)	0/44 (0%)
FIRST INCIDENCE	731 (T)	---	731 (T)	---
HC TUMORS SAME ROUTE	1/48 (2%)			
HC TUMORS ALL ROUTES	1/48 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.449N	P=0.489N	P=0.513	P=0.488N
POLY 1.5	P=0.456N	P=0.494N	P=0.508	P=0.494N
POLY 6	P=0.443N	P=0.483N	P=0.519	P=0.480N
COCH-ARM / FISHERS	P=0.466N	P=0.500N	P=0.500	P=0.505N
MAX-ISO-POLY-3	P=0.333N	P=0.158N	P=0.295	P=0.160N
HISTCONT SAME RTE	P=0.584	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.584	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.782			
CURR VS HC ALL RTEs	P=0.782			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma Benign</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/45.16	0/47.66	2/46.88	0/48.04
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/39 (0%)	0/44 (0%)	2/42 (5%)	0/44 (0%)
FIRST INCIDENCE	---	---	731 (T)	---
HC TUMORS SAME ROUTE	1/48 (2%)			
HC TUMORS ALL ROUTES	1/48 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.627	(e)	P=0.246	(e)
POLY 1.5	P=0.613	(e)	P=0.242	(e)
POLY 6	P=0.643	(e)	P=0.249	(e)
COCH-ARM / FISHERS	P=0.591	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.272	(e)	P=0.084	(e)
HISTCONT SAME RTE	P=0.586	(e)	P=1.000	(e)
HISTCONT ALL RTES	P=0.586	(e)	P=1.000	(e)
CURR VS HC SAME RTE	P=0.185			
CURR VS HC ALL RTES	P=0.185			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Harderian Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	0/45.16	2/47.66	5/47.37	2/48.83
POLY-3 PERCENT (g)	0%	4.2%	10.6%	4.1%
TERMINAL (d)	0/39 (0%)	2/44 (5%)	4/42 (10%)	2/44 (5%)
FIRST INCIDENCE	---	731 (T)	584	731 (T)
HC TUMORS SAME ROUTE	6/49 (12%)			
HC TUMORS ALL ROUTES	6/49 (12%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.267	P=0.249	P=0.035*	P=0.255
POLY 1.5	P=0.250	P=0.244	P=0.033*	P=0.248
POLY 6	P=0.286	P=0.257	P=0.037*	P=0.264
COCH-ARM / FISHERS	P=0.227	P=0.247	P=0.028*	P=0.247
MAX-ISO-POLY-3	P=0.086	P=0.088	P=0.013*	P=0.093
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.004**			
CURR VS HC ALL RTES	P=0.004**			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Harderian Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.62	0/47.66	0/46.88	0/48.83
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	1/39 (3%)	0/44 (0%)	0/42 (0%)	0/44 (0%)
FIRST INCIDENCE	596	---	---	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	1/49 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.118N	P=0.228N	P=0.231N	P=0.222N
POLY 1.5	P=0.116N	P=0.232N	P=0.234N	P=0.228N
POLY 6	P=0.121N	P=0.222N	P=0.229N	P=0.216N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.076N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.643			
CURR VS HC ALL RTES	P=0.643			



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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Harderian Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	2/45.62	2/47.66	5/47.37	2/48.83
POLY-3 PERCENT (g)	4.4%	4.2%	10.6%	4.1%
TERMINAL (d)	1/39 (3%)	2/44 (5%)	4/42 (10%)	2/44 (5%)
FIRST INCIDENCE	596	731 (T)	584	731 (T)
HC TUMORS SAME ROUTE	7/49 (14%)			
HC TUMORS ALL ROUTES	7/49 (14%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.561	P=0.678N	P=0.232	P=0.669N
POLY 1.5	P=0.546	P=0.685N	P=0.226	P=0.679N
POLY 6	P=0.576	P=0.668N	P=0.239	P=0.658N
COCH-ARM / FISHERS	P=0.521	P=0.691N	P=0.218	P=0.691N
MAX-ISO-POLY-3	P=0.442	P=0.482N	P=0.134	P=0.472N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.070			
CURR VS HC ALL RTES	P=0.070			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Intestine Small: Jejunum Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.16	0/47.66	0/46.88	1/48.83
POLY-3 PERCENT (g)	4.4%	0%	0%	2.1%
TERMINAL (d)	2/39 (5%)	0/44 (0%)	0/42 (0%)	1/44 (2%)
FIRST INCIDENCE	731 (T)	---	---	731 (T)
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	0/49 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.470N	P=0.225N	P=0.229N	P=0.473N
POLY 1.5	P=0.466N	P=0.231N	P=0.232N	P=0.484N
POLY 6	P=0.475N	P=0.218N	P=0.225N	P=0.460N
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.130N	P=0.076N	P=0.076N	P=0.266N
HISTCONT SAME RTE	P=0.155	(e)	(e)	P=1.000
HISTCONT ALL RTES	P=0.155	(e)	(e)	P=1.000
CURR VS HC SAME RTE	P=0.163			
CURR VS HC ALL RTES	P=0.163			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Intestine Small: Site Unspecified Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.16	0/47.66	0/46.88	1/48.83
POLY-3 PERCENT (g)	4.4%	0%	0%	2.1%
TERMINAL (d)	2/39 (5%)	0/44 (0%)	0/42 (0%)	1/44 (2%)
FIRST INCIDENCE	731 (T)	---	---	731 (T)
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	0/49 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.470N	P=0.225N	P=0.229N	P=0.473N
POLY 1.5	P=0.466N	P=0.231N	P=0.232N	P=0.484N
POLY 6	P=0.475N	P=0.218N	P=0.225N	P=0.460N
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.130N	P=0.076N	P=0.076N	P=0.266N
HISTCONT SAME RTE	P=0.155	(e)	(e)	P=1.000
HISTCONT ALL RTES	P=0.155	(e)	(e)	P=1.000
CURR VS HC SAME RTE	P=0.163			
CURR VS HC ALL RTES	P=0.163			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	21/50 (42%)	23/50 (46%)	18/50 (36%)	22/50 (44%)
POLY-3 RATE (b)	21/47.75	23/48.43	18/47.36	22/48.92
POLY-3 PERCENT (g)	44%	47.5%	38%	45%
TERMINAL (d)	16/39 (41%)	20/44 (46%)	17/42 (41%)	21/44 (48%)
FIRST INCIDENCE	428	586	587	708
HC TUMORS SAME ROUTE	21/49 (43%)			
HC TUMORS ALL ROUTES	21/49 (43%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.506N	P=0.444	P=0.350N	P=0.542
POLY 1.5	P=0.518N	P=0.429	P=0.347N	P=0.525
POLY 6	P=0.495N	P=0.474	P=0.354N	P=0.564
COCH-ARM / FISHERS	P=0.539	P=0.420	P=0.341N	P=0.500
MAX-ISO-POLY-3	P=0.538N	P=0.365	P=0.278N	P=0.460
HISTCONT SAME RTE	P=0.697	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.697	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.741			
CURR VS HC ALL RTES	P=0.741			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Liver</b>				
<b>Hepatocellular Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	5/50 (10%)	14/50 (28%)	17/50 (34%)	14/50 (28%)
POLY-3 RATE (b)	5/45.62	14/49.38	17/48.27	14/49.35
POLY-3 PERCENT (g)	11%	28.4%	35.2%	28.4%
TERMINAL (d)	3/39 (8%)	10/44 (23%)	14/42 (33%)	11/44 (25%)
FIRST INCIDENCE	653	413	469	666
HC TUMORS SAME ROUTE	8/49 (16%)			
HC TUMORS ALL ROUTES	8/49 (16%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.068	P=0.030*	P=0.004**	P=0.029*
POLY 1.5	P=0.056	P=0.025*	P=0.004**	P=0.025*
POLY 6	P=0.083	P=0.036*	P=0.005**	P=0.036*
COCH-ARM / FISHERS	P=0.044*	P=0.020*	P=0.004**	P=0.020*
MAX-ISO-POLY-3	P=0.019*	P=0.019*	P=0.003**	P=0.019*
HISTCONT SAME RTE	P=0.150	P=0.214	P=0.188	P=0.214
HISTCONT ALL RTES	P=0.150	P=0.214	P=0.188	P=0.214
CURR VS HC SAME RTE	P=0.359			
CURR VS HC ALL RTES	P=0.359			

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DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	6/50 (12%)	14/50 (28%)	17/50 (34%)	15/50 (30%)
POLY-3 RATE (b)	6/45.89	14/49.38	17/48.27	15/49.35
POLY-3 PERCENT (g)	13.1%	28.4%	35.2%	30.4%
TERMINAL (d)	3/39 (8%)	10/44 (23%)	14/42 (33%)	12/44 (27%)
FIRST INCIDENCE	653	413	469	666
HC TUMORS SAME ROUTE	8/49 (16%)			
HC TUMORS ALL ROUTES	8/49 (16%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.061	P=0.056	P=0.010**	P=0.035*
POLY 1.5	P=0.052	P=0.048*	P=0.009**	P=0.030*
POLY 6	P=0.072	P=0.066	P=0.011*	P=0.042*
COCH-ARM / FISHERS	P=0.041*	P=0.039*	P=0.008**	P=0.024*
MAX-ISO-POLY-3	P=0.027*	P=0.037*	P=0.006**	P=0.023*
HISTCONT SAME RTE	P=0.131	P=0.214	P=0.188	P=0.204
HISTCONT ALL RTES	P=0.131	P=0.214	P=0.188	P=0.204
CURR VS HC SAME RTE	P=0.535			
CURR VS HC ALL RTES	P=0.535			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	23/50 (46%)	31/50 (62%)	31/50 (62%)	28/50 (56%)
POLY-3 RATE (b)	23/47.92	31/49.86	31/48.75	28/49.44
POLY-3 PERCENT (g)	48%	62.2%	63.6%	56.6%
TERMINAL (d)	17/39 (44%)	26/44 (59%)	27/42 (64%)	24/44 (55%)
FIRST INCIDENCE	428	413	469	666
HC TUMORS SAME ROUTE	26/49 (53%)			
HC TUMORS ALL ROUTES	26/49 (53%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.319	P=0.112	P=0.087	P=0.257
POLY 1.5	P=0.299	P=0.097	P=0.084	P=0.237
POLY 6	P=0.346	P=0.135	P=0.090	P=0.286
COCH-ARM / FISHERS	P=0.273	P=0.080	P=0.080	P=0.212
MAX-ISO-POLY-3	P=0.164	P=0.082	P=0.060	P=0.200
HISTCONT SAME RTE	P=0.407	P=0.286	P=0.255	P=1.000
HISTCONT ALL RTES	P=0.407	P=0.286	P=0.255	P=1.000
CURR VS HC SAME RTE	P=0.367			
CURR VS HC ALL RTES	P=0.367			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Liver</b>				
<b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	24/50 (48%)	31/50 (62%)	31/50 (62%)	29/50 (58%)
POLY-3 RATE (b)	24/48.19	31/49.86	31/48.75	29/49.44
POLY-3 PERCENT (g)	49.8%	62.2%	63.6%	58.7%
TERMINAL (d)	17/39 (44%)	26/44 (59%)	27/42 (64%)	25/44 (57%)
FIRST INCIDENCE	428	413	469	666
HC TUMORS SAME ROUTE	26/49 (53%)			
HC TUMORS ALL ROUTES	26/49 (53%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.291	P=0.150	P=0.119	P=0.249
POLY 1.5	P=0.277	P=0.134	P=0.118	P=0.233
POLY 6	P=0.308	P=0.173	P=0.119	P=0.271
COCH-ARM / FISHERS	P=0.257	P=0.114	P=0.114	P=0.212
MAX-ISO-POLY-3	P=0.198	P=0.111	P=0.084	P=0.192
HISTCONT SAME RTE	P=0.277	P=0.286	P=0.255	P=1.000
HISTCONT ALL RTES	P=0.277	P=0.286	P=0.255	P=1.000
CURR VS HC SAME RTE	P=0.470			
CURR VS HC ALL RTES	P=0.470			



Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Lung</b>				
<b>Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	8/50 (16%)	7/50 (14%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	8/45.93	7/48.28	3/46.88	5/48.83
POLY-3 PERCENT (g)	17.4%	14.5%	6.4%	10.2%
TERMINAL (d)	6/39 (15%)	6/44 (14%)	3/42 (7%)	5/44 (11%)
FIRST INCIDENCE	586	533	731 (T)	731 (T)
HC TUMORS SAME ROUTE	7/49 (14%)			
HC TUMORS ALL ROUTES	7/49 (14%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.157N	P=0.458N	P=0.092N	P=0.238N
POLY 1.5	P=0.163N	P=0.476N	P=0.095N	P=0.253N
POLY 6	P=0.151N	P=0.436N	P=0.090N	P=0.222N
COCH-ARM / FISHERS	P=0.174N	P=0.500N	P=0.100N	P=0.277N
MAX-ISO-POLY-3	P=0.151N	P=0.353N	P=0.051N	P=0.163N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.849			
CURR VS HC ALL RTES	P=0.849			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/45.56	1/47.66	4/47.10	0/48.83
POLY-3 PERCENT (g)	2.2%	2.1%	8.5%	0%
TERMINAL (d)	0/39 (0%)	1/44 (2%)	3/42 (7%)	0/44 (0%)
FIRST INCIDENCE	618	731 (T)	673	---
HC TUMORS SAME ROUTE	5/49 (10%)			
HC TUMORS ALL ROUTES	5/49 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.411N	P=0.750N	P=0.189	P=0.486N
POLY 1.5	P=0.424N	P=0.755N	P=0.185	P=0.492N
POLY 6	P=0.399N	P=0.744N	P=0.194	P=0.480N
COCH-ARM / FISHERS	P=0.444N	P=0.753N	P=0.181	P=0.500N
MAX-ISO-POLY-3	P=0.200N	P=0.487N	P=0.094	P=0.159N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.083			
CURR VS HC ALL RTES	P=0.083			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	9/50 (18%)	8/50 (16%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	9/46.33	8/48.28	6/47.10	5/48.83
POLY-3 PERCENT (g)	19.4%	16.6%	12.7%	10.2%
TERMINAL (d)	6/39 (15%)	7/44 (16%)	5/42 (12%)	5/44 (11%)
FIRST INCIDENCE	586	533	673	731 (T)
HC TUMORS SAME ROUTE	11/49 (22%)			
HC TUMORS ALL ROUTES	11/49 (22%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.118N	P=0.463N	P=0.275N	P=0.165N
POLY 1.5	P=0.125N	P=0.478N	P=0.280N	P=0.176N
POLY 6	P=0.113N	P=0.444N	P=0.272N	P=0.155N
COCH-ARM / FISHERS	P=0.135N	P=0.500N	P=0.288N	P=0.194N
MAX-ISO-POLY-3	P=0.174N	P=0.361N	P=0.192N	P=0.108N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.547			
CURR VS HC ALL RTES	P=0.547			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Mammary Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.16	0/47.66	0/46.88	0/48.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/44 (0%)	0/42 (0%)	0/44 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	0/49 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Mammary Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.16	0/47.66	0/46.88	0/48.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/44 (0%)	0/42 (0%)	0/44 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	1/49 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Mammary Gland</b>				
<b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.16	0/47.66	0/46.88	0/48.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/44 (0%)	0/42 (0%)	0/44 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	1/49 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Pituitary Gland: Pars Distalis or Unspecified Site Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/46 (0%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.16	0/44.88	0/45.10	0/48.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/43 (0%)	0/41 (0%)	0/44 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/45 (0%)			
HC TUMORS ALL ROUTES	0/45 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Skin</b>				
<b>Fibrosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.11	0/47.66	0/46.88	0/48.83
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/44 (0%)	0/42 (0%)	0/44 (0%)
FIRST INCIDENCE	531	---	---	---
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	0/49 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.117N	P=0.230N	P=0.234N	P=0.225N
POLY 1.5	P=0.116N	P=0.233N	P=0.235N	P=0.230N
POLY 6	P=0.120N	P=0.225N	P=0.232N	P=0.219N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.076N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.181			
CURR VS HC ALL RTES	P=0.181			



Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>Spleen</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/45.51	0/47.66	2/46.88	0/48.83
POLY-3 PERCENT (g)	4.4%	0%	4.3%	0%
TERMINAL (d)	1/39 (3%)	0/44 (0%)	2/42 (5%)	0/44 (0%)
FIRST INCIDENCE	634	---	731 (T)	---
HC TUMORS SAME ROUTE	1/48 (2%)			
HC TUMORS ALL ROUTES	1/48 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.238N	P=0.227N	P=0.683N	P=0.222N
POLY 1.5	P=0.241N	P=0.232N	P=0.687N	P=0.228N
POLY 6	P=0.236N	P=0.221N	P=0.679N	P=0.215N
COCH-ARM / FISHERS	P=0.247N	P=0.247N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.120N	P=0.076N	P=0.487N	P=0.076N
HISTCONT SAME RTE	P=0.585	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.585	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.639			
CURR VS HC ALL RTES	P=0.639			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/45.51	0/47.66	2/46.88	0/48.83
POLY-3 PERCENT (g)	4.4%	0%	4.3%	0%
TERMINAL (d)	1/39 (3%)	0/44 (0%)	2/42 (5%)	0/44 (0%)
FIRST INCIDENCE	634	---	731 (T)	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	1/49 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.238N	P=0.227N	P=0.683N	P=0.222N
POLY 1.5	P=0.241N	P=0.232N	P=0.687N	P=0.228N
POLY 6	P=0.236N	P=0.221N	P=0.679N	P=0.215N
COCH-ARM / FISHERS	P=0.247N	P=0.247N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.120N	P=0.076N	P=0.487N	P=0.076N
HISTCONT SAME RTE	P=0.583	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.583	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.641			
CURR VS HC ALL RTES	P=0.641			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	3/45.51	0/47.66	3/47.10	0/48.83
POLY-3 PERCENT (g)	6.6%	0%	6.4%	0%
TERMINAL (d)	2/39 (5%)	0/44 (0%)	2/42 (5%)	0/44 (0%)
FIRST INCIDENCE	634	---	673	---
HC TUMORS SAME ROUTE	2/49 (4%)			
HC TUMORS ALL ROUTES	2/49 (4%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.152N	P=0.111N	P=0.646N	P=0.107N
POLY 1.5	P=0.156N	P=0.114N	P=0.652N	P=0.112N
POLY 6	P=0.150N	P=0.106N	P=0.639N	P=0.102N
COCH-ARM / FISHERS	P=0.163N	P=0.121N	P=0.661N	P=0.121N
MAX-ISO-POLY-3	P=0.059N	P=0.038N*	P=0.482N	P=0.038N*
HISTCONT SAME RTE	P=0.652	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.652	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.727			
CURR VS HC ALL RTES	P=0.727			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Histiocytic Sarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/45.16	0/47.66	2/47.20	1/48.83
POLY-3 PERCENT (g)	0%	0%	4.2%	2.1%
TERMINAL (d)	0/39 (0%)	0/44 (0%)	1/42 (2%)	1/44 (2%)
FIRST INCIDENCE	---	---	644	731 (T)
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	0/49 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.270	(e)	P=0.247	P=0.516
POLY 1.5	P=0.260	(e)	P=0.243	P=0.509
POLY 6	P=0.280	(e)	P=0.252	P=0.523
COCH-ARM / FISHERS	P=0.246	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.197	(e)	P=0.086	P=0.178
HISTCONT SAME RTE	P=0.248	(e)	P=0.316	P=1.000
HISTCONT ALL RTES	P=0.248	(e)	P=0.316	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	6/50 (12%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	5/46.17	6/47.66	4/47.19	3/49.39
POLY-3 PERCENT (g)	10.8%	12.6%	8.5%	6.1%
TERMINAL (d)	3/39 (8%)	6/44 (14%)	3/42 (7%)	1/44 (2%)
FIRST INCIDENCE	504	731 (T)	646	591
HC TUMORS SAME ROUTE	3/49 (6%)			
HC TUMORS ALL ROUTES	3/49 (6%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.197N	P=0.522	P=0.486N	P=0.321N
POLY 1.5	P=0.209N	P=0.512	P=0.492N	P=0.335N
POLY 6	P=0.185N	P=0.537	P=0.480N	P=0.304N
COCH-ARM / FISHERS	P=0.226N	P=0.500	P=0.500N	P=0.357N
MAX-ISO-POLY-3	P=0.293N	P=0.396	P=0.351N	P=0.210N
HISTCONT SAME RTE	P=0.503	P=0.271	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.503	P=0.271	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.542			
CURR VS HC ALL RTES	P=0.542			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	25/50 (50%)	29/50 (58%)	25/50 (50%)	27/50 (54%)
POLY-3 RATE (b)	25/47.75	29/49.04	25/48.07	27/48.92
POLY-3 PERCENT (g)	52.4%	59.1%	52%	55.2%
TERMINAL (d)	20/39 (51%)	25/44 (57%)	22/42 (52%)	26/44 (59%)
FIRST INCIDENCE	428	533	584	708
HC TUMORS SAME ROUTE	28/49 (57%)			
HC TUMORS ALL ROUTES	28/49 (57%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.520	P=0.320	P=0.568N	P=0.470
POLY 1.5	P=0.505	P=0.295	P=0.574N	P=0.449
POLY 6	P=0.533	P=0.363	P=0.556N	P=0.495
COCH-ARM / FISHERS	P=0.481	P=0.274	P=0.579N	P=0.421
MAX-ISO-POLY-3	P=0.596	P=0.254	P=0.485N	P=0.389
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.328			
CURR VS HC ALL RTES	P=0.328			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	20/50 (40%)	21/50 (42%)	30/50 (60%)	22/50 (44%)
POLY-3 RATE (b)	20/48.72	21/49.52	30/50.00	22/49.91
POLY-3 PERCENT (g)	41.1%	42.4%	60%	44.1%
TERMINAL (d)	11/39 (28%)	16/44 (36%)	22/42 (52%)	17/44 (39%)
FIRST INCIDENCE	504	413	469	591
HC TUMORS SAME ROUTE	19/49 (39%)			
HC TUMORS ALL ROUTES	19/49 (39%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.349	P=0.527	P=0.045*	P=0.460
POLY 1.5	P=0.334	P=0.518	P=0.041*	P=0.447
POLY 6	P=0.362	P=0.533	P=0.049*	P=0.472
COCH-ARM / FISHERS	P=0.307	P=0.500	P=0.036*	P=0.420
MAX-ISO-POLY-3	P=0.224	P=0.445	P=0.030*	P=0.381
HISTCONT SAME RTE	P=0.325	P=1.000	P=0.184	P=0.378
HISTCONT ALL RTES	P=0.325	P=1.000	P=0.184	P=0.378
CURR VS HC SAME RTE	P=0.999			
CURR VS HC ALL RTES	P=0.999			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm males	1250 ppm males	2500 ppm males	5000 ppm males
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	34/50 (68%)	39/50 (78%)	44/50 (88%)	38/50 (76%)
POLY-3 RATE (b)	34/50.00	39/50.00	44/50.00	38/50.00
POLY-3 PERCENT (g)	68%	78%	88%	76%
TERMINAL (d)	23/39 (59%)	33/44 (75%)	36/42 (86%)	32/44 (73%)
FIRST INCIDENCE	428	413	469	591
HC TUMORS SAME ROUTE	37/49 (76%)			
HC TUMORS ALL ROUTES	37/49 (76%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.219	P=0.185	P=0.013*	P=0.253
POLY 1.5	P=0.219	P=0.185	P=0.013*	P=0.253
POLY 6	P=0.219	P=0.185	P=0.013*	P=0.253
COCH-ARM / FISHERS	P=0.220	P=0.184	P=0.014*	P=0.252
MAX-ISO-POLY-3	P=0.071	P=0.131	P=0.007**	P=0.188
HISTCONT SAME RTE	P=0.500	P=1.000	P=0.214	P=1.000
HISTCONT ALL RTES	P=0.500	P=1.000	P=0.214	P=1.000
CURR VS HC SAME RTE	P=0.244			
CURR VS HC ALL RTES	P=0.244			



Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Adrenal Cortex</b>				
<b>Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/49.37	0/47.18	0/48.83	0/48.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/46 (0%)	0/43 (0%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma Benign</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/49.37	0/47.18	0/48.83	0/48.15
POLY-3 PERCENT (g)	2%	0%	0%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Harderian Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	4/49.37	2/47.18	1/48.83	0/48.82
POLY-3 PERCENT (g)	8.1%	4.2%	2.1%	0%
TERMINAL (d)	4/46 (9%)	2/43 (5%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.029N*	P=0.359N	P=0.183N	P=0.062N
POLY 1.5	P=0.029N*	P=0.352N	P=0.181N	P=0.062N
POLY 6	P=0.029N*	P=0.365N	P=0.185N	P=0.063N
COCH-ARM / FISHERS	P=0.030N*	P=0.339N	P=0.181N	P=0.059N
MAX-ISO-POLY-3	P=0.023N*	P=0.223N	P=0.088N	P=0.021N*
HISTCONT SAME RTE	P=1.000	P=0.486	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.486	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.227			
CURR VS HC ALL RTES	P=0.227			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Harderian Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/49.37	0/47.18	0/48.83	0/48.82
POLY-3 PERCENT (g)	4.1%	0%	0%	0%
TERMINAL (d)	2/46 (4%)	0/43 (0%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.110N	P=0.248N	P=0.240N	P=0.240N
POLY 1.5	P=0.111N	P=0.244N	P=0.239N	P=0.239N
POLY 6	P=0.109N	P=0.251N	P=0.241N	P=0.241N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.035N*	P=0.086N	P=0.079N	P=0.079N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.668			
CURR VS HC ALL RTES	P=0.668			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Harderian Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	6/49.37	2/47.18	1/48.83	0/48.82
POLY-3 PERCENT (g)	12.2%	4.2%	2.1%	0%
TERMINAL (d)	6/46 (13%)	2/43 (5%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	2/50 (4%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.006N**	P=0.149N	P=0.058N	P=0.016N*
POLY 1.5	P=0.006N**	P=0.144N	P=0.058N	P=0.016N*
POLY 6	P=0.006N**	P=0.154N	P=0.059N	P=0.016N*
COCH-ARM / FISHERS	P=0.007N**	P=0.134N	P=0.056N	P=0.013N*
MAX-ISO-POLY-3	P=0.003N**	P=0.084N	P=0.025N*	P=0.005N**
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.156			
CURR VS HC ALL RTES	P=0.156			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Intestine Small: Jejunum Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/49.37	0/47.18	0/48.83	0/48.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/46 (0%)	0/43 (0%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Intestine Small: Site Unspecified Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/49.37	1/47.18	0/48.83	0/48.82
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/46 (0%)	1/43 (2%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	11/50 (22%)	5/50 (10%)	13/50 (26%)	23/50 (46%)
POLY-3 RATE (b)	11/49.49	5/47.44	13/49.11	23/48.82
POLY-3 PERCENT (g)	22.2%	10.5%	26.5%	47.1%
TERMINAL (d)	10/46 (22%)	4/43 (9%)	12/45 (27%)	23/46 (50%)
FIRST INCIDENCE	700	659	652	729 (T)
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	3/50 (6%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.100N	P=0.400	P=0.007**
POLY 1.5	P<0.001**	P=0.095N	P=0.403	P=0.008**
POLY 6	P<0.001**	P=0.105N	P=0.395	P=0.006**
COCH-ARM / FISHERS	P<0.001**	P=0.086N	P=0.408	P=0.010**
MAX-ISO-POLY-3	P<0.001**	P=0.064N	P=0.314	P=0.004**
HISTCONT SAME RTE	P=0.057	P=0.304	P=0.178	P=0.144
HISTCONT ALL RTES	P=0.057	P=0.304	P=0.178	P=0.144
CURR VS HC SAME RTE	P=0.024*			
CURR VS HC ALL RTES	P=0.024*			



Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Liver</b>				
<b>Hepatocellular Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	5/50 (10%)	10/50 (20%)
POLY-3 RATE (b)	1/49.43	2/47.34	5/48.83	10/48.82
POLY-3 PERCENT (g)	2%	4.2%	10.2%	20.5%
TERMINAL (d)	0/46 (0%)	1/43 (2%)	5/45 (11%)	10/46 (22%)
FIRST INCIDENCE	716	689	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.485	P=0.099	P=0.004**
POLY 1.5	P<0.001**	P=0.490	P=0.101	P=0.004**
POLY 6	P<0.001**	P=0.481	P=0.097	P=0.004**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.102	P=0.004**
MAX-ISO-POLY-3	P<0.001**	P=0.272	P=0.044*	P<0.001**
HISTCONT SAME RTE	P=0.075	P=0.485	P=0.227	P=0.180
HISTCONT ALL RTES	P=0.075	P=0.485	P=0.227	P=0.180
CURR VS HC SAME RTE	P=0.726			
CURR VS HC ALL RTES	P=0.726			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	5/50 (10%)	10/50 (20%)
POLY-3 RATE (b)	1/49.43	2/47.34	5/48.83	10/48.82
POLY-3 PERCENT (g)	2%	4.2%	10.2%	20.5%
TERMINAL (d)	0/46 (0%)	1/43 (2%)	5/45 (11%)	10/46 (22%)
FIRST INCIDENCE	716	689	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.485	P=0.099	P=0.004**
POLY 1.5	P<0.001**	P=0.490	P=0.101	P=0.004**
POLY 6	P<0.001**	P=0.481	P=0.097	P=0.004**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.102	P=0.004**
MAX-ISO-POLY-3	P<0.001**	P=0.272	P=0.044*	P<0.001**
HISTCONT SAME RTE	P=0.075	P=0.485	P=0.227	P=0.180
HISTCONT ALL RTES	P=0.075	P=0.485	P=0.227	P=0.180
CURR VS HC SAME RTE	P=0.726			
CURR VS HC ALL RTES	P=0.726			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	12/50 (24%)	7/50 (14%)	16/50 (32%)	29/50 (58%)
POLY-3 RATE (b)	12/49.54	7/47.60	16/49.11	29/48.82
POLY-3 PERCENT (g)	24.2%	14.7%	32.6%	59.4%
TERMINAL (d)	10/46 (22%)	5/43 (12%)	15/45 (33%)	29/46 (63%)
FIRST INCIDENCE	700	659	652	729 (T)
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	4/50 (8%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.178N	P=0.244	P<0.001**
POLY 1.5	P<0.001**	P=0.170N	P=0.248	P<0.001**
POLY 6	P<0.001**	P=0.184N	P=0.238	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.154N	P=0.252	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.124N	P=0.181	P<0.001**
HISTCONT SAME RTE	P=0.049*	P=0.252	P=0.171	P=0.129
HISTCONT ALL RTES	P=0.049*	P=0.252	P=0.171	P=0.129
CURR VS HC SAME RTE	P=0.031*			
CURR VS HC ALL RTES	P=0.031*			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Liver</b>				
<b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	12/50 (24%)	7/50 (14%)	16/50 (32%)	29/50 (58%)
POLY-3 RATE (b)	12/49.54	7/47.60	16/49.11	29/48.82
POLY-3 PERCENT (g)	24.2%	14.7%	32.6%	59.4%
TERMINAL (d)	10/46 (22%)	5/43 (12%)	15/45 (33%)	29/46 (63%)
FIRST INCIDENCE	700	659	652	729 (T)
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	4/50 (8%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.178N	P=0.244	P<0.001**
POLY 1.5	P<0.001**	P=0.170N	P=0.248	P<0.001**
POLY 6	P<0.001**	P=0.184N	P=0.238	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.154N	P=0.252	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.124N	P=0.181	P<0.001**
HISTCONT SAME RTE	P=0.049*	P=0.252	P=0.171	P=0.129
HISTCONT ALL RTES	P=0.049*	P=0.252	P=0.171	P=0.129
CURR VS HC SAME RTE	P=0.031*			
CURR VS HC ALL RTES	P=0.031*			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Lung</b>				
<b>Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	3/49.51	2/47.34	5/48.83	0/48.82
POLY-3 PERCENT (g)	6.1%	4.2%	10.2%	0%
TERMINAL (d)	2/46 (4%)	1/43 (2%)	5/45 (11%)	0/46 (0%)
FIRST INCIDENCE	695	689	729 (T)	---
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	5/50 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.160N	P=0.520N	P=0.349	P=0.122N
POLY 1.5	P=0.160N	P=0.514N	P=0.353	P=0.121N
POLY 6	P=0.163N	P=0.526N	P=0.345	P=0.123N
COCH-ARM / FISHERS	P=0.162N	P=0.500N	P=0.357	P=0.121N
MAX-ISO-POLY-3	P=0.095N	P=0.345N	P=0.228	P=0.040N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.444			
CURR VS HC ALL RTES	P=0.444			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/49.37	2/47.69	0/48.83	0/48.82
POLY-3 PERCENT (g)	2%	4.2%	0%	0%
TERMINAL (d)	1/46 (2%)	1/43 (2%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	577	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.191N	P=0.488	P=0.502N	P=0.502N
POLY 1.5	P=0.190N	P=0.492	P=0.501N	P=0.501N
POLY 6	P=0.192N	P=0.485	P=0.504N	P=0.504N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.170N	P=0.274	P=0.162N	P=0.162N
HISTCONT SAME RTE	P=0.507	P=0.307	(e)	(e)
HISTCONT ALL RTES	P=0.507	P=0.307	(e)	(e)
CURR VS HC SAME RTE	P=0.467			
CURR VS HC ALL RTES	P=0.467			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	4/50 (8%)	4/50 (8%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	4/49.51	4/47.84	5/48.83	0/48.82
POLY-3 PERCENT (g)	8.1%	8.4%	10.2%	0%
TERMINAL (d)	3/46 (7%)	2/43 (5%)	5/45 (11%)	0/46 (0%)
FIRST INCIDENCE	695	577	729 (T)	---
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	5/50 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.067N	P=0.624	P=0.491	P=0.062N
POLY 1.5	P=0.066N	P=0.630	P=0.495	P=0.062N
POLY 6	P=0.069N	P=0.619	P=0.486	P=0.064N
COCH-ARM / FISHERS	P=0.066N	P=0.643N	P=0.500	P=0.059N
MAX-ISO-POLY-3	P=0.059N	P=0.479	P=0.356	P=0.021N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.678			
CURR VS HC ALL RTES	P=0.678			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Mammary Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/49.49	0/47.18	0/48.83	0/48.82
POLY-3 PERCENT (g)	4%	0%	0%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	700	---	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.110N	P=0.248N	P=0.240N	P=0.240N
POLY 1.5	P=0.111N	P=0.244N	P=0.239N	P=0.239N
POLY 6	P=0.109N	P=0.252N	P=0.242N	P=0.242N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.035N*	P=0.087N	P=0.079N	P=0.079N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.675			
CURR VS HC ALL RTES	P=0.675			



Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Mammary Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/49.49	1/47.34	1/48.83	0/48.82
POLY-3 PERCENT (g)	4%	2.1%	2.1%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	700	689	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.153N	P=0.515N	P=0.505N	P=0.240N
POLY 1.5	P=0.153N	P=0.510N	P=0.503N	P=0.239N
POLY 6	P=0.153N	P=0.520N	P=0.508N	P=0.242N
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.126N	P=0.298N	P=0.286N	P=0.079N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.675			
CURR VS HC ALL RTES	P=0.675			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Mammary Gland</b>				
<b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/49.49	1/47.34	1/48.83	0/48.82
POLY-3 PERCENT (g)	4%	2.1%	2.1%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	700	689	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.153N	P=0.515N	P=0.505N	P=0.240N
POLY 1.5	P=0.153N	P=0.510N	P=0.503N	P=0.239N
POLY 6	P=0.153N	P=0.520N	P=0.508N	P=0.242N
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.126N	P=0.298N	P=0.286N	P=0.079N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.675			
CURR VS HC ALL RTES	P=0.675			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Pituitary Gland: Pars Distalis or Unspecified Site Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	3/49.70	2/47.18	1/48.83	0/47.82
POLY-3 PERCENT (g)	6%	4.2%	2.1%	0%
TERMINAL (d)	2/46 (4%)	2/43 (5%)	1/45 (2%)	0/45 (0%)
FIRST INCIDENCE	639	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	0/47 (0%)			
HC TUMORS ALL ROUTES	0/47 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.064N	P=0.524N	P=0.312N	P=0.126N
POLY 1.5	P=0.063N	P=0.515N	P=0.309N	P=0.125N
POLY 6	P=0.064N	P=0.532N	P=0.316N	P=0.128N
COCH-ARM / FISHERS	P=0.063N	P=0.500N	P=0.309N	P=0.125N
MAX-ISO-POLY-3	P=0.069N	P=0.349N	P=0.161N	P=0.043N*
HISTCONT SAME RTE	P=0.383	P=0.311	P=1.000	(e)
HISTCONT ALL RTES	P=0.383	P=0.311	P=1.000	(e)
CURR VS HC SAME RTE	P=0.084			
CURR VS HC ALL RTES	P=0.084			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Skin</b>				
<b>Fibrosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/49.37	0/47.18	3/48.83	0/48.82
POLY-3 PERCENT (g)	0%	0%	6.1%	0%
TERMINAL (d)	0/46 (0%)	0/43 (0%)	2/45 (4%)	0/46 (0%)
FIRST INCIDENCE	---	---	728	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.541	(e)	P=0.117	(e)
POLY 1.5	P=0.541	(e)	P=0.118	(e)
POLY 6	P=0.539	(e)	P=0.116	(e)
COCH-ARM / FISHERS	P=0.539	(e)	P=0.121	(e)
MAX-ISO-POLY-3	P=0.167	(e)	P=0.038*	(e)
HISTCONT SAME RTE	P=0.384	(e)	P=0.254	(e)
HISTCONT ALL RTES	P=0.384	(e)	P=0.254	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Spleen</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/49 (2%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/48.49	0/46.44	1/48.83	0/48.82
POLY-3 PERCENT (g)	2.1%	0%	2.1%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	0/49 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>Uterus</b>				
<b>Polyp Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/49.37	1/47.18	1/48.83	2/48.82
POLY-3 PERCENT (g)	2%	2.1%	2.1%	4.1%
TERMINAL (d)	1/46 (2%)	1/43 (2%)	1/45 (2%)	2/46 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.353	P=0.750	P=0.758	P=0.496
POLY 1.5	P=0.353	P=0.754	P=0.759	P=0.498
POLY 6	P=0.352	P=0.747	P=0.756	P=0.494
COCH-ARM / FISHERS	P=0.351	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.419	P=0.487	P=0.496	P=0.279
HISTCONT SAME RTE	P=0.130	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.130	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.715			
CURR VS HC ALL RTES	P=0.715			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/49.37	0/47.18	1/48.83	0/48.82
POLY-3 PERCENT (g)	2%	0%	2.1%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/50 (0%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/49.37	0/47.18	1/48.83	0/48.82
POLY-3 PERCENT (g)	2%	0%	2.1%	0%
TERMINAL (d)	1/46 (2%)	0/43 (0%)	1/45 (2%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	2/50 (4%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			



Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Histiocytic Sarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/49.37	1/47.18	0/48.83	1/49.17
POLY-3 PERCENT (g)	0%	2.1%	0%	2%
TERMINAL (d)	0/46 (0%)	1/43 (2%)	0/45 (0%)	0/46 (0%)
FIRST INCIDENCE	---	729 (T)	---	633
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/50 (2%)			
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	8/50 (16%)	7/50 (14%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	8/49.81	7/47.18	7/49.14	6/49.03
POLY-3 PERCENT (g)	16.1%	14.8%	14.3%	12.2%
TERMINAL (d)	6/46 (13%)	7/43 (16%)	5/45 (11%)	5/46 (11%)
FIRST INCIDENCE	639	729 (T)	645	674
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	5/50 (10%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.340N	P=0.545N	P=0.511N	P=0.400N
POLY 1.5	P=0.339N	P=0.529N	P=0.506N	P=0.394N
POLY 6	P=0.343N	P=0.562N	P=0.518N	P=0.407N
COCH-ARM / FISHERS	P=0.340N	P=0.500N	P=0.500N	P=0.387N
MAX-ISO-POLY-3	P=0.474N	P=0.434N	P=0.400N	P=0.296N
HISTCONT SAME RTE	P=0.190	P=0.296	P=0.315	P=1.000
HISTCONT ALL RTES	P=0.190	P=0.296	P=0.315	P=1.000
CURR VS HC SAME RTE	P=0.415			
CURR VS HC ALL RTES	P=0.415			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	21/50 (42%)	12/50 (24%)	19/50 (38%)	28/50 (56%)
POLY-3 RATE (b)	21/50.00	12/47.60	19/49.11	28/48.82
POLY-3 PERCENT (g)	42%	25.2%	38.7%	57.4%
TERMINAL (d)	17/46 (37%)	10/43 (23%)	18/45 (40%)	28/46 (61%)
FIRST INCIDENCE	639	659	652	729 (T)
HC TUMORS SAME ROUTE	17/50 (34%)			
HC TUMORS ALL ROUTES	17/50 (34%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.017*	P=0.061N	P=0.448N	P=0.091
POLY 1.5	P=0.018*	P=0.054N	P=0.435N	P=0.102
POLY 6	P=0.015*	P=0.068N	P=0.468N	P=0.077
COCH-ARM / FISHERS	P=0.020*	P=0.044N*	P=0.419N	P=0.115
MAX-ISO-POLY-3	P=0.012*	P=0.042N*	P=0.369N	P=0.064
HISTCONT SAME RTE	P=0.111	P=1.000	P=0.319	P=0.177
HISTCONT ALL RTES	P=0.111	P=1.000	P=0.319	P=0.177
CURR VS HC SAME RTE	P=0.466			
CURR VS HC ALL RTES	P=0.466			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	12/50 (24%)	13/50 (26%)	16/50 (32%)	18/50 (36%)
POLY-3 RATE (b)	12/49.87	13/47.84	16/49.14	18/49.38
POLY-3 PERCENT (g)	24.1%	27.2%	32.6%	36.5%
TERMINAL (d)	9/46 (20%)	11/43 (26%)	14/45 (31%)	16/46 (35%)
FIRST INCIDENCE	639	577	645	633
HC TUMORS SAME ROUTE	11/50 (22%)			
HC TUMORS ALL ROUTES	11/50 (22%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.092	P=0.453	P=0.238	P=0.130
POLY 1.5	P=0.092	P=0.468	P=0.245	P=0.134
POLY 6	P=0.089	P=0.438	P=0.229	P=0.125
COCH-ARM / FISHERS	P=0.091	P=0.500	P=0.252	P=0.138
MAX-ISO-POLY-3	P=0.142	P=0.365	P=0.177	P=0.091
HISTCONT SAME RTE	P=0.083	P=0.283	P=0.213	P=0.196
HISTCONT ALL RTES	P=0.083	P=0.283	P=0.213	P=0.196
CURR VS HC SAME RTE	P=0.876			
CURR VS HC ALL RTES	P=0.876			

Experiment Number: 20712 - 04  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/N

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Tris(Chloropropyl)phosphate  
 CAS Number: 13674-84-5

Date Report Requested: 09/14/2020  
 Time Report Requested: 10:18:26  
 First Dose M/F: 10/25/11 / 10/24/11  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1/N)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm females	2500 ppm females	5000ppm females	10000ppm females
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	27/50 (54%)	21/50 (42%)	30/50 (60%)	37/50 (74%)
POLY-3 RATE (b)	27/50.00	21/48.10	30/49.42	37/49.38
POLY-3 PERCENT (g)	54%	43.7%	60.7%	74.9%
TERMINAL (d)	23/46 (50%)	18/43 (42%)	27/45 (60%)	35/46 (76%)
FIRST INCIDENCE	639	577	645	633
HC TUMORS SAME ROUTE	25/50 (50%)			
HC TUMORS ALL ROUTES	25/50 (50%)			
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	P=0.206N	P=0.319	P=0.022*
POLY 1.5	P=0.004**	P=0.190N	P=0.330	P=0.025*
POLY 6	P=0.003**	P=0.222N	P=0.303	P=0.019*
COCH-ARM / FISHERS	P=0.005**	P=0.158N	P=0.343	P=0.030*
MAX-ISO-POLY-3	P=0.006**	P=0.158N	P=0.252	P=0.014*
HISTCONT SAME RTE	P=0.096	P=1.000	P=0.211	P=0.173
HISTCONT ALL RTES	P=0.096	P=1.000	P=0.211	P=0.173
CURR VS HC SAME RTE	P=0.753			
CURR VS HC ALL RTES	P=0.753			

**Experiment Number:** 20712 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** MICE/B6C3F1/N

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
Tris(Chloropropyl)phosphate  
**CAS Number:** 13674-84-5

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## **LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) 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.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (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 Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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