

**Experiment Number:** 20209 - 04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Pentabromodiphenyl oxide (technical) (DE 71)  
**CAS Number:** 32534-81-9

**Date Report Requested:** 09/10/2014  
**Time Report Requested:** 08:48:44  
**First Dose M/F:** 02/25/08 / 02/25/08  
**Lab:** SRI

F1\_Rev.1\_M3

**NTP Study Number:** C20209  
**Lock Date:** 08/31/2011  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.2\_002  
**PWG Approval Date:** NONE

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**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF PENTABROMODIPHENYL OXIDE (TECHNICAL) (DE 71)**

**MALE MICE**

**Organ**

Adrenal Cortex

Adrenal Cortex: Capsule

Epididymis

Heart

Islets, Pancreatic

Kidney

Kidney: Papilla

Kidney: Renal Tubule

Liver

Liver: Hepatocyte, Centrilobular

Liver: Kupffer Cell

Lung

Lung: Alveolar Epithelium

Lymph Node, Mesenteric

Mesentery: Artery

Nose

Pancreas

**Morphology**

Accessory Adrenal Cortical Nodule

Hypertrophy Diffuse

Hypertrophy Focal

Hyperplasia

Inflammation Chronic

Cardiomyopathy

Mineralization

Hyperplasia

Infiltration Cellular Mononuclear Cell

Mineralization

Nephropathy

Necrosis

Degeneration

Basophilic Focus

Clear Cell Focus

Eosinophilic Focus

Fatty Change

Hematopoietic Cell Proliferation

Inflammation Chronic

Necrosis Focal

Hypertrophy

Pigmentation

Hemorrhage

Infiltration Cellular Histiocyte

Thrombosis

Hyperplasia

Atrophy

Hemorrhage

Pigmentation

Inflammation Chronic

Inflammation Acute

Atrophy

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Pituitary Gland: Pars Distalis	Inflammation Chronic
Preputial Gland	Hyperplasia Focal
	Cyst
Prostate	Inflammation Chronic
Prostate: Epithelium	Inflammation Chronic
Salivary Glands	Hyperplasia
	Infiltration Cellular Mononuclear Cell
	Mineralization
Seminal Vesicle	Inflammation Chronic
Skeletal Muscle	Fibrosis
	Hemorrhage
	Inflammation Chronic
Skin	Inflammation Chronic
Skin: Tail, Epidermis	Hyperplasia
Spleen	Hematopoietic Cell Proliferation
	Pigmentation
Spleen: Lymphoid Follicle	Atrophy
Stomach, Forestomach	Inflammation
	Ulcer
Stomach, Forestomach: Epithelium	Hyperplasia
Stomach, Glandular	Erosion
Testes	Giant Cell
Testes: Germinal Epithelium	Atrophy
Thymus	Atrophy
	Cyst
	Necrosis Lymphoid
Thyroid Gland: Follicle	Degeneration
	Hypertrophy

**FEMALE MICE**

**Organ**

Adrenal Cortex

Bone

Clitoral Gland

**Morphology**

Accessory Adrenal Cortical Nodule

Hypertrophy Diffuse

Fibro-osseous Lesion

Inflammation Chronic

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**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF PENTABROMODIPHENYL OXIDE (TECHNICAL) (DE 71)**

Heart	Cardiomyopathy
Kidney	Infiltration Cellular Mononuclear Cell
	Mineralization
	Nephropathy
	Dilatation
Kidney: Renal Tubule	Clear Cell Focus
Liver	Eosinophilic Focus
	Fatty Change
	Hematopoietic Cell Proliferation
	Hemorrhage
	Inflammation Chronic
	Necrosis Focal
Liver: Hepatocyte, Centrilobular	Hypertrophy
Liver: Kupffer Cell	Pigmentation
Lung	Hemorrhage
Lymph Node, Mandibular	Pigmentation
Lymph Node, Mesenteric	Ectasia
	Necrosis Lymphoid
	Pigmentation
Mammary Gland	Galactocele
	Hyperplasia
Nose	Inflammation Acute
Ovary	Cyst
Pancreas	Atrophy
	Inflammation Chronic
Pituitary Gland: Pars Distalis	Hyperplasia
Salivary Glands	Mineralization
Skin	Inflammation Chronic
	Ulcer
Spleen	Hematopoietic Cell Proliferation
	Pigmentation
Spleen: Lymphoid Follicle	Hyperplasia
Stomach, Forestomach	Erosion
	Inflammation
	Ulcer
Stomach, Forestomach: Epithelium	Hyperplasia

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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF PENTABROMODIPHENYL OXIDE (TECHNICAL) (DE 71)**

Thymus

Atrophy

Cyst

Hyperplasia Lymphoid

Thyroid Gland: Follicle

Degeneration

Hypertrophy

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Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Accessory Adrenal Cortical Nodule</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	7/49 (14%)	1/48 (2%)
POLY-3 RATE (b)	2/40.50	2/43.38	7/43.71	1/18.21
POLY-3 PERCENT (g)	4.9%	4.6%	16%	5.5%
TERMINAL (d)	0/29 (0%)	2/33 (6%)	5/31 (16%)	0/0 (0%)
FIRST INCIDENCE	598	729 (T)	581	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.214	P=0.669N	P=0.097	P=0.684
POLY 1.5	P=0.486	P=0.676N	P=0.089	P=0.640N
POLY 6	P=0.044*	P=0.663N	P=0.108	P=0.508
COCH-ARM / FISHERS	P=0.383N	P=0.691N	P=0.075	P=0.515N
MAX-ISO-POLY-3	P=0.352	P=0.472N	P=0.056	P=0.475

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex Degeneration Fatty</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/49 (2%)	2/48 (4%)
POLY-3 RATE (b)	1/40.55	0/43.38	1/43.31	2/18.88
POLY-3 PERCENT (g)	2.5%	0%	2.3%	10.6%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	569	---	656	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.093	P=0.487N	P=0.746N	P=0.269
POLY 1.5	P=0.126	P=0.490N	P=0.752N	P=0.364
POLY 6	P=0.158	P=0.483N	P=0.737N	P=0.167
COCH-ARM / FISHERS	P=0.207	P=0.500N	P=0.747	P=0.485
MAX-ISO-POLY-3	P=0.154	P=0.158N	P=0.481N	P=0.178

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Hematopoietic Cell Proliferation</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.04	0/17.62
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.04	0/17.62
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	0/48 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	1/43.04	0/17.62
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
<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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Hypertrophy Diffuse</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/49 (6%)	20/48 (42%)
POLY-3 RATE (b)	1/40.45	0/43.38	3/43.18	20/30.02
POLY-3 PERCENT (g)	2.5%	0%	7%	66.6%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	606	---	708	451
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.486N	P=0.329	P<0.001**
POLY 1.5	P<0.001**	P=0.490N	P=0.319	P<0.001**
POLY 6	P<0.001**	P=0.482N	P=0.342	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.301	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158N	P=0.179	P<0.001**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Hypertrophy Focal</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	10/50 (20%)	10/50 (20%)	5/49 (10%)	3/48 (6%)
POLY-3 RATE (b)	10/40.58	10/43.38	5/43.43	3/19.52
POLY-3 PERCENT (g)	24.6%	23.1%	11.5%	15.4%
TERMINAL (d)	8/29 (28%)	10/33 (30%)	4/31 (13%)	0/0 (0%)
FIRST INCIDENCE	626	729 (T)	618	477
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.136N	P=0.534N	P=0.097N	P=0.330N
POLY 1.5	P=0.078N	P=0.550N	P=0.110N	P=0.143N
POLY 6	P=0.165N	P=0.518N	P=0.083N	P=0.536
COCH-ARM / FISHERS	P=0.021N*	P=0.598N	P=0.140N	P=0.042N*
MAX-ISO-POLY-3	P=0.224N	P=0.432N	P=0.063N	P=0.279N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex: Capsule Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	42/50 (84%)	41/50 (82%)	47/49 (96%)	41/48 (85%)
POLY-3 RATE (b)	42/46.79	41/48.01	47/48.46	41/42.94
POLY-3 PERCENT (g)	89.8%	85.4%	97%	95.5%
TERMINAL (d)	26/29 (90%)	29/33 (88%)	31/31 (100%)	0/0 (0%)
FIRST INCIDENCE	491	428	431	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.074	P=0.361N	P=0.132	P=0.233
POLY 1.5	P=0.138	P=0.363N	P=0.113	P=0.332
POLY 6	P=0.033*	P=0.385N	P=0.145	P=0.135
COCH-ARM / FISHERS	P=0.447	P=0.500N	P=0.049*	P=0.535
MAX-ISO-POLY-3	P=0.085	P=0.249N	P=0.062	P=0.123

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone Marrow: Myeloid Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/40.94	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	4.9%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	592	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.277N	P=0.224N	P=0.221N	P=0.439N
POLY 1.5	P=0.297N	P=0.227N	P=0.226N	P=0.336N
POLY 6	P=0.303N	P=0.221N	P=0.216N	P=0.586N
COCH-ARM / FISHERS	P=0.289N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.303N	P=0.075N	P=0.075N	P=0.262N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone</b>				
<b>Fibro-osseous Lesion</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/49 (4%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/40.71	1/43.38	0/43.98	0/17.74
POLY-3 PERCENT (g)	4.9%	2.3%	0%	0%
TERMINAL (d)	1/29 (3%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	494	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.196N	P=0.478N	P=0.220N	P=0.443N
POLY 1.5	P=0.205N	P=0.484N	P=0.225N	P=0.341N
POLY 6	P=0.202N	P=0.471N	P=0.213N	P=0.588N
COCH-ARM / FISHERS	P=0.187N	P=0.492N	P=0.242N	P=0.247N
MAX-ISO-POLY-3	P=0.322N	P=0.267N	P=0.074N	P=0.266N

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TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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**Bone: Tail  
Callus**

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<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/49 (0%)	2/50 (4%)	0/50 (0%)	1/49 (2%)
<b>POLY-3 RATE (b)</b>	0/40.02	2/43.38	0/43.98	1/18.33
<b>POLY-3 PERCENT (g)</b>	0%	4.6%	0%	5.5%
<b>TERMINAL (d)</b>	0/29 (0%)	2/33 (6%)	0/31 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	729 (T)	---	543

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<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.560	P=0.255	(e)	P=0.362
<b>POLY 1.5</b>	P=0.576	P=0.250	(e)	P=0.423
<b>POLY 6</b>	P=0.663N	P=0.262	(e)	P=0.290
<b>COCH-ARM / FISHERS</b>	P=0.659	P=0.253	(e)	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.334	P=0.092	(e)	P=0.156

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone: Tail Developmental Malformation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	3/50 (6%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/40.02	3/43.38	0/43.98	0/17.74
POLY-3 PERCENT (g)	2.5%	6.9%	0%	0%
TERMINAL (d)	1/29 (3%)	3/33 (9%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.153N	P=0.334	P=0.481N	P=0.641N
POLY 1.5	P=0.155N	P=0.326	P=0.487N	P=0.579N
POLY 6	P=0.153N	P=0.344	P=0.473N	P=0.714N
COCH-ARM / FISHERS	P=0.133N	P=0.316	P=0.495N	P=0.500N
MAX-ISO-POLY-3	P=0.252N	P=0.182	P=0.157N	P=0.328N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone: Vertebra Callus</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/40.91	0/43.38	0/43.98	0/17.74
POLY-3 PERCENT (g)	4.9%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	598	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.274N	P=0.224N	P=0.221N	P=0.444N
POLY 1.5	P=0.294N	P=0.227N	P=0.226N	P=0.342N
POLY 6	P=0.299N	P=0.221N	P=0.216N	P=0.589N
COCH-ARM / FISHERS	P=0.290N	P=0.242N	P=0.242N	P=0.247N
MAX-ISO-POLY-3	P=0.310N	P=0.074N	P=0.074N	P=0.267N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Brain Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	2/50 (4%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	6/41.20	2/43.84	2/44.86	5/21.38
POLY-3 PERCENT (g)	14.6%	4.6%	4.5%	23.4%
TERMINAL (d)	2/29 (7%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	600	596	431	477
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.193	P=0.112N	P=0.106N	P=0.316
POLY 1.5	P=0.251	P=0.118N	P=0.114N	P=0.519
POLY 6	P=0.273	P=0.108N	P=0.098N	P=0.112
COCH-ARM / FISHERS	P=0.415	P=0.134N	P=0.134N	P=0.500N
MAX-ISO-POLY-3	P=0.157	P=0.061N	P=0.059N	P=0.262

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Brain  
Infiltration Cellular Mononuclear Cell

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	2/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/29 (0%)	2/33 (6%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	---

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**STATISTICAL TESTS**

POLY 3	P=0.319N	P=0.255	(e)	(e)
POLY 1.5	P=0.330N	P=0.250	(e)	(e)
POLY 6	P=0.371N	P=0.262	(e)	(e)
COCH-ARM / FISHERS	P=0.326N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.510N	P=0.093	(e)	(e)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Epididymis</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	22/50 (44%)	28/50 (56%)	24/50 (48%)	7/50 (14%)
POLY-3 RATE (b)	22/43.25	28/45.54	24/45.39	7/22.26
POLY-3 PERCENT (g)	50.9%	61.5%	52.9%	31.4%
TERMINAL (d)	14/29 (48%)	22/33 (67%)	18/31 (58%)	0/0 (0%)
FIRST INCIDENCE	568	556	612	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.057N	P=0.207	P=0.510	P=0.114N
POLY 1.5	P=0.003N**	P=0.201	P=0.490	P=0.013N*
POLY 6	P=0.398N	P=0.209	P=0.533	P=0.586
COCH-ARM / FISHERS	P<0.001N**	P=0.159	P=0.421	P<0.001N**
MAX-ISO-POLY-3	P=0.094N	P=0.156	P=0.424	P=0.122N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Esophagus</b>				
<b>Inflammation Acute</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.02	0/43.38	0/43.98	2/20.16
POLY-3 PERCENT (g)	2.4%	0%	0%	9.9%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	3	---	---	3
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.119	P=0.489N	P=0.486N	P=0.282
POLY 1.5	P=0.128	P=0.493N	P=0.492N	P=0.382
POLY 6	P=0.309	P=0.484N	P=0.479N	P=0.173
COCH-ARM / FISHERS	P=0.173	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.104	P=0.158N	P=0.158N	P=0.185

---

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Esophagus</b>				
<b>Necrosis</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.02	0/43.38	0/43.98	2/20.16
POLY-3 PERCENT (g)	2.4%	0%	0%	9.9%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	3	---	---	3
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.119	P=0.489N	P=0.486N	P=0.282
POLY 1.5	P=0.128	P=0.493N	P=0.492N	P=0.382
POLY 6	P=0.309	P=0.484N	P=0.479N	P=0.173
COCH-ARM / FISHERS	P=0.173	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.104	P=0.158N	P=0.158N	P=0.185

---



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

**Esophagus: Muscularis Degeneration**

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**LESION RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	2/43.94	2/44.48	0/18.16
POLY-3 PERCENT (g)	0%	4.6%	4.5%	0%
TERMINAL (d)	0/29 (0%)	1/33 (3%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	---	557	581	---

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**STATISTICAL TESTS**

POLY 3	P=0.620N	P=0.258	P=0.261	(e)
POLY 1.5	P=0.483N	P=0.252	P=0.253	(e)
POLY 6	P=0.491	P=0.267	P=0.273	(e)
COCH-ARM / FISHERS	P=0.344N	P=0.247	P=0.247	(e)
MAX-ISO-POLY-3	P=0.501	P=0.096	P=0.099	(e)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Harderian Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/49 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/40.02	2/42.38	1/43.98	0/18.16
POLY-3 PERCENT (g)	2.5%	4.7%	2.3%	0%
TERMINAL (d)	1/29 (3%)	2/32 (6%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.348N	P=0.520	P=0.739N	P=0.638N
POLY 1.5	P=0.290N	P=0.512	P=0.746N	P=0.575N
POLY 6	P=0.485N	P=0.529	P=0.730N	P=0.713N
COCH-ARM / FISHERS	P=0.216N	P=0.492	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.510N	P=0.303	P=0.473N	P=0.324N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	10/50 (20%)	7/50 (14%)	1/50 (2%)
POLY-3 RATE (b)	8/42.34	10/44.18	7/44.48	1/18.77
POLY-3 PERCENT (g)	18.9%	22.6%	15.7%	5.3%
TERMINAL (d)	3/29 (10%)	8/33 (24%)	5/31 (16%)	0/0 (0%)
FIRST INCIDENCE	494	603	612	530
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.117N	P=0.435	P=0.458N	P=0.193N
POLY 1.5	P=0.039N*	P=0.429	P=0.468N	P=0.069N
POLY 6	P=0.277N	P=0.440	P=0.446N	P=0.500N
COCH-ARM / FISHERS	P=0.005N**	P=0.398	P=0.500N	P=0.015N*
MAX-ISO-POLY-3	P=0.193N	P=0.337	P=0.351N	P=0.175N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Heart Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	1/40.02	0/43.38	5/44.72	5/21.56
POLY-3 PERCENT (g)	2.5%	0%	11.2%	23.2%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	612	451
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.484N	P=0.128	P=0.020*
POLY 1.5	P=0.005**	P=0.489N	P=0.119	P=0.045*
POLY 6	P<0.001**	P=0.478N	P=0.143	P=0.006**
COCH-ARM / FISHERS	P=0.027*	P=0.500N	P=0.102	P=0.102
MAX-ISO-POLY-3	P=0.002**	P=0.158N	P=0.069	P=0.024*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	32/50 (64%)	25/50 (50%)	21/50 (42%)	6/50 (12%)
POLY-3 RATE (b)	32/45.80	25/47.66	21/47.96	6/22.00
POLY-3 PERCENT (g)	69.9%	52.5%	43.8%	27.3%
TERMINAL (d)	19/29 (66%)	16/33 (49%)	10/31 (32%)	0/0 (0%)
FIRST INCIDENCE	491	428	431	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003N**	P=0.060N	P=0.007N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.067N	P=0.009N**	P<0.001N**
POLY 6	P=0.034N*	P=0.058N	P=0.007N**	P=0.178N
COCH-ARM / FISHERS	P<0.001N**	P=0.113N	P=0.022N*	P<0.001N**
MAX-ISO-POLY-3	P=0.005N**	P=0.040N*	P=0.005N**	P=0.003N**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney Infarct</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	5/49 (10%)	0/50 (0%)
POLY-3 RATE (b)	3/40.28	1/43.38	5/43.21	0/18.16
POLY-3 PERCENT (g)	7.5%	2.3%	11.6%	0%
TERMINAL (d)	2/29 (7%)	1/33 (3%)	4/31 (13%)	0/0 (0%)
FIRST INCIDENCE	660	729 (T)	684	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.539	P=0.279N	P=0.395	P=0.315N
POLY 1.5	P=0.392N	P=0.286N	P=0.379	P=0.205N
POLY 6	P=0.231	P=0.271N	P=0.417	P=0.506N
COCH-ARM / FISHERS	P=0.173N	P=0.309N	P=0.346	P=0.121N
MAX-ISO-POLY-3	P=0.413N	P=0.144N	P=0.271	P=0.211N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	35/50 (70%)	41/50 (82%)	39/49 (80%)	26/50 (52%)
POLY-3 RATE (b)	35/44.87	41/46.72	39/47.90	26/34.24
POLY-3 PERCENT (g)	78%	87.8%	81.4%	75.9%
TERMINAL (d)	24/29 (83%)	30/33 (91%)	25/31 (81%)	0/0 (0%)
FIRST INCIDENCE	491	540	453	442
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.234N	P=0.145	P=0.438	P=0.524N
POLY 1.5	P=0.044N*	P=0.149	P=0.346	P=0.213N
POLY 6	P=0.452	P=0.156	P=0.577	P=0.252
COCH-ARM / FISHERS	P=0.002N**	P=0.121	P=0.193	P=0.050N*
MAX-ISO-POLY-3	P=0.373N	P=0.091	P=0.340	P=0.409N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/40.02	2/43.38	1/43.04	0/18.16
POLY-3 PERCENT (g)	5%	4.6%	2.3%	0%
TERMINAL (d)	2/29 (7%)	2/33 (6%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.254N	P=0.665N	P=0.475N	P=0.434N
POLY 1.5	P=0.208N	P=0.673N	P=0.485N	P=0.333N
POLY 6	P=0.351N	P=0.655N	P=0.461N	P=0.582N
COCH-ARM / FISHERS	P=0.142N	P=0.691N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.413N	P=0.467N	P=0.267N	P=0.258N



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	36/50 (72%)	32/50 (64%)	24/49 (49%)	6/50 (12%)
POLY-3 RATE (b)	36/45.54	32/47.52	24/45.03	6/21.82
POLY-3 PERCENT (g)	79.1%	67.4%	53.3%	27.5%
TERMINAL (d)	22/29 (76%)	24/33 (73%)	17/31 (55%)	0/0 (0%)
FIRST INCIDENCE	491	428	551	477
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001N**	P=0.139N	P=0.006N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.157N	P=0.007N**	P<0.001N**
POLY 6	P=0.007N**	P=0.137N	P=0.006N**	P=0.051N
COCH-ARM / FISHERS	P<0.001N**	P=0.260N	P=0.016N*	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.097N	P=0.003N**	P<0.001N**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	38/50 (76%)	45/50 (90%)	37/49 (76%)	9/50 (18%)
POLY-3 RATE (b)	38/45.33	45/47.53	37/46.71	9/23.60
POLY-3 PERCENT (g)	83.8%	94.7%	79.2%	38.1%
TERMINAL (d)	26/29 (90%)	33/33 (100%)	25/31 (81%)	0/0 (0%)
FIRST INCIDENCE	298	556	453	501
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001N**	P=0.055	P=0.373N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.060	P=0.436N	P<0.001N**
POLY 6	P<0.001N**	P=0.062	P=0.282N	P=0.026N*
COCH-ARM / FISHERS	P<0.001N**	P=0.054	P=0.570N	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.026*	P=0.275N	P<0.001N**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Interstitium Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/40.02	1/43.38	1/43.04	0/18.16
POLY-3 PERCENT (g)	5%	2.3%	2.3%	0%
TERMINAL (d)	2/29 (7%)	1/33 (3%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.340N	P=0.472N	P=0.475N	P=0.434N
POLY 1.5	P=0.284N	P=0.480N	P=0.485N	P=0.333N
POLY 6	P=0.474N	P=0.462N	P=0.461N	P=0.582N
COCH-ARM / FISHERS	P=0.208N	P=0.500N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.421N	P=0.265N	P=0.267N	P=0.258N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Papilla Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.47	2/44.72	0/43.04	0/18.16
POLY-3 PERCENT (g)	2.5%	4.5%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	600	428	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.216N	P=0.535	P=0.488N	P=0.639N
POLY 1.5	P=0.218N	P=0.524	P=0.493N	P=0.576N
POLY 6	P=0.236N	P=0.546	P=0.481N	P=0.714N
COCH-ARM / FISHERS	P=0.198N	P=0.500	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.355N	P=0.318	P=0.160N	P=0.326N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Papilla Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	6/50 (12%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/40.91	6/45.40	2/43.46	0/18.16
POLY-3 PERCENT (g)	9.8%	13.2%	4.6%	0%
TERMINAL (d)	2/29 (7%)	2/33 (6%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	600	428	627	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.077N	P=0.436	P=0.309N	P=0.239N
POLY 1.5	P=0.045N*	P=0.416	P=0.321N	P=0.131N
POLY 6	P=0.118N	P=0.460	P=0.294N	P=0.454N
COCH-ARM / FISHERS	P=0.017N*	P=0.370	P=0.349N	P=0.059N
MAX-ISO-POLY-3	P=0.126N	P=0.319	P=0.187N	P=0.177N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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**Kidney: Renal Tubule  
Accumulation, Hyaline Droplet**

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.04	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/40.06	2/43.38	1/43.31	0/18.16
POLY-3 PERCENT (g)	5%	4.6%	2.3%	0%
TERMINAL (d)	1/29 (3%)	2/33 (6%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	721	729 (T)	656	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.253N	P=0.665N	P=0.473N	P=0.434N
POLY 1.5	P=0.207N	P=0.673N	P=0.484N	P=0.333N
POLY 6	P=0.347N	P=0.656N	P=0.457N	P=0.582N
COCH-ARM / FISHERS	P=0.142N	P=0.691N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.412N	P=0.468N	P=0.266N	P=0.258N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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**Kidney: Renal Tubule Degeneration**

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**LESION RATES**

OVERALL (a)	3/50 (6%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	3/41.37	0/43.38	2/43.49	0/18.16
POLY-3 PERCENT (g)	7.3%	0%	4.6%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	589	---	618	---

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**STATISTICAL TESTS**

POLY 3	P=0.450N	P=0.110N	P=0.477N	P=0.323N
POLY 1.5	P=0.335N	P=0.112N	P=0.486N	P=0.209N
POLY 6	P=0.673N	P=0.109N	P=0.466N	P=0.513N
COCH-ARM / FISHERS	P=0.212N	P=0.121N	P=0.510N	P=0.121N
MAX-ISO-POLY-3	P=0.326N	P=0.038N*	P=0.308N	P=0.218N

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/50 (28%)	14/50 (28%)	15/49 (31%)	9/50 (18%)
POLY-3 RATE (b)	14/41.05	14/44.93	15/43.29	9/23.64
POLY-3 PERCENT (g)	34.1%	31.2%	34.7%	38.1%
TERMINAL (d)	11/29 (38%)	11/33 (33%)	13/31 (42%)	0/0 (0%)
FIRST INCIDENCE	568	540	684	442
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.369	P=0.476N	P=0.571	P=0.480
POLY 1.5	P=0.438N	P=0.510N	P=0.541	P=0.437N
POLY 6	P=0.144	P=0.437N	P=0.579N	P=0.132
COCH-ARM / FISHERS	P=0.113N	P=0.588N	P=0.474	P=0.171N
MAX-ISO-POLY-3	P=0.581	P=0.388N	P=0.478	P=0.397

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/49 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/40.02	0/43.38	3/43.31	0/18.16
POLY-3 PERCENT (g)	2.5%	0%	6.9%	0%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	656	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.393	P=0.484N	P=0.334	P=0.638N
POLY 1.5	P=0.630	P=0.489N	P=0.322	P=0.575N
POLY 6	P=0.159	P=0.478N	P=0.351	P=0.713N
COCH-ARM / FISHERS	P=0.460N	P=0.500N	P=0.301	P=0.500N
MAX-ISO-POLY-3	P=0.505	P=0.158N	P=0.184	P=0.324N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	3/50 (6%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	6/40.28	3/43.38	1/44.04	5/21.10
POLY-3 PERCENT (g)	14.9%	6.9%	2.3%	23.7%
TERMINAL (d)	5/29 (17%)	3/33 (9%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	660	729 (T)	715	537
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.289	P=0.205N	P=0.042N*	P=0.321
POLY 1.5	P=0.333	P=0.215N	P=0.046N*	P=0.522
POLY 6	P=0.437	P=0.194N	P=0.037N*	P=0.115
COCH-ARM / FISHERS	P=0.486	P=0.243N	P=0.056N	P=0.500N
MAX-ISO-POLY-3	P=0.157	P=0.128N	P=0.021N*	P=0.265

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	10/50 (20%)	13/50 (26%)	20/50 (40%)	7/50 (14%)
<b>POLY-3 RATE (b)</b>	10/41.69	13/44.86	20/45.10	7/22.28
<b>POLY-3 PERCENT (g)</b>	24%	29%	44.3%	31.4%
<b>TERMINAL (d)</b>	6/29 (21%)	10/33 (30%)	17/31 (55%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	521	428	551	535
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.181	P=0.389	P=0.035*	P=0.373
<b>POLY 1.5</b>	P=0.549	P=0.371	P=0.031*	P=0.586N
<b>POLY 6</b>	P=0.020*	P=0.404	P=0.040*	P=0.107
<b>COCH-ARM / FISHERS</b>	P=0.121N	P=0.318	P=0.024*	P=0.298N
<b>MAX-ISO-POLY-3</b>	P=0.298	P=0.305	P=0.024*	P=0.315

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/50 (30%)	22/50 (44%)	10/50 (20%)	11/50 (22%)
POLY-3 RATE (b)	15/42.77	22/45.69	10/45.40	11/25.07
POLY-3 PERCENT (g)	35.1%	48.2%	22%	43.9%
TERMINAL (d)	10/29 (35%)	17/33 (52%)	7/31 (23%)	0/0 (0%)
FIRST INCIDENCE	491	428	453	442
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.379N	P=0.147	P=0.128N	P=0.325
POLY 1.5	P=0.210N	P=0.138	P=0.141N	P=0.574N
POLY 6	P=0.525N	P=0.158	P=0.114N	P=0.063
COCH-ARM / FISHERS	P=0.049N*	P=0.107	P=0.178N	P=0.247N
MAX-ISO-POLY-3	P=0.379N	P=0.109	P=0.091N	P=0.282

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Fatty Change</b>				
<b>LESION RATES</b>				
OVERALL (a)	17/50 (34%)	25/50 (50%)	17/50 (34%)	5/50 (10%)
POLY-3 RATE (b)	17/44.92	25/46.83	17/47.82	5/21.09
POLY-3 PERCENT (g)	37.9%	53.4%	35.6%	23.7%
TERMINAL (d)	8/29 (28%)	16/33 (49%)	9/31 (29%)	0/0 (0%)
FIRST INCIDENCE	298	428	431	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.055N	P=0.095	P=0.494N	P=0.216N
POLY 1.5	P=0.006N**	P=0.092	P=0.522N	P=0.044N*
POLY 6	P=0.210N	P=0.102	P=0.459N	P=0.512
COCH-ARM / FISHERS	P<0.001N**	P=0.078	P=0.583N	P=0.004N**
MAX-ISO-POLY-3	P=0.090N	P=0.068	P=0.410N	P=0.208N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	10/50 (20%)	5/50 (10%)	1/50 (2%)	3/50 (6%)
<b>POLY-3 RATE (b)</b>	10/41.85	5/43.38	1/43.98	3/20.09
<b>POLY-3 PERCENT (g)</b>	23.9%	11.5%	2.3%	14.9%
<b>TERMINAL (d)</b>	7/29 (24%)	5/33 (15%)	1/31 (3%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	298	729 (T)	729 (T)	451
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.138N	P=0.110N	P=0.003N**	P=0.333N
<b>POLY 1.5</b>	P=0.125N	P=0.115N	P=0.003N**	P=0.138N
<b>POLY 6</b>	P=0.081N	P=0.104N	P=0.002N**	P=0.525
<b>COCH-ARM / FISHERS</b>	P=0.066N	P=0.131N	P=0.004N**	P=0.036N*
<b>MAX-ISO-POLY-3</b>	P=0.169N	P=0.068N	P<0.001N**	P=0.283N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/41.00	1/43.38	1/44.39	2/19.36
POLY-3 PERCENT (g)	7.3%	2.3%	2.3%	10.3%
TERMINAL (d)	1/29 (3%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	568	729 (T)	612	527
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.433	P=0.285N	P=0.277N	P=0.536
POLY 1.5	P=0.490	P=0.289N	P=0.286N	P=0.665N
POLY 6	P=0.571	P=0.280N	P=0.266N	P=0.326
COCH-ARM / FISHERS	P=0.630	P=0.309N	P=0.309N	P=0.500N
MAX-ISO-POLY-3	P=0.402	P=0.146N	P=0.144N	P=0.391



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	13/50 (26%)	19/50 (38%)	22/50 (44%)	12/50 (24%)
POLY-3 RATE (b)	13/41.57	19/44.94	22/44.92	12/25.28
POLY-3 PERCENT (g)	31.3%	42.3%	49%	47.5%
TERMINAL (d)	9/29 (31%)	16/33 (49%)	18/31 (58%)	0/0 (0%)
FIRST INCIDENCE	569	557	612	528
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.158	P=0.198	P=0.067	P=0.144
POLY 1.5	P=0.463	P=0.182	P=0.060	P=0.365
POLY 6	P=0.023*	P=0.215	P=0.079	P=0.019*
COCH-ARM / FISHERS	P=0.183N	P=0.142	P=0.046*	P=0.500N
MAX-ISO-POLY-3	P=0.249	P=0.149	P=0.048*	P=0.137

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	5/50 (10%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/40.02	5/44.27	0/43.98	1/18.74
POLY-3 PERCENT (g)	5%	11.3%	0%	5.3%
TERMINAL (d)	2/29 (7%)	3/33 (9%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	596	---	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.187N	P=0.258	P=0.216N	P=0.694
POLY 1.5	P=0.191N	P=0.245	P=0.223N	P=0.627N
POLY 6	P=0.129N	P=0.277	P=0.208N	P=0.515
COCH-ARM / FISHERS	P=0.149N	P=0.218	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.308N	P=0.160	P=0.075N	P=0.484

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Necrosis Focal</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	16/50 (32%)	2/50 (4%)
POLY-3 RATE (b)	2/40.47	2/43.54	16/44.51	2/19.36
POLY-3 PERCENT (g)	4.9%	4.6%	36%	10.3%
TERMINAL (d)	1/29 (3%)	1/33 (3%)	13/31 (42%)	0/0 (0%)
FIRST INCIDENCE	598	689	627	530
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.011*	P=0.668N	P<0.001**	P=0.420
POLY 1.5	P=0.172	P=0.675N	P<0.001**	P=0.553
POLY 6	P<0.001**	P=0.659N	P<0.001**	P=0.255
COCH-ARM / FISHERS	P=0.477N	P=0.691N	P<0.001**	P=0.691N
MAX-ISO-POLY-3	P=0.018*	P=0.470N	P<0.001**	P=0.294

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<hr/>				
Liver				
Tension Lipidosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<hr/>				
<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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Liver: Centrilobular  
Necrosis

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

---

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver: Hepatocyte, Centrilobular Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	28/50 (56%)	46/50 (92%)	48/50 (96%)
POLY-3 RATE (b)	0/40.02	28/45.29	46/49.86	48/48.00
POLY-3 PERCENT (g)	0%	61.8%	92.3%	100%
TERMINAL (d)	0/29 (0%)	21/33 (64%)	29/31 (94%)	0/0 (0%)
FIRST INCIDENCE	---	591	431	442
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Liver: Kupffer Cell Pigmentation

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**LESION RATES**

OVERALL (a)	5/50 (10%)	15/50 (30%)	33/50 (66%)	25/50 (50%)
POLY-3 RATE (b)	5/40.92	15/44.77	33/46.02	25/33.27
POLY-3 PERCENT (g)	12.2%	33.5%	71.7%	75.2%
TERMINAL (d)	3/29 (10%)	10/33 (30%)	22/31 (71%)	0/0 (0%)
FIRST INCIDENCE	568	614	581	451

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**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.017*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.015*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.020*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.011*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.011*	P<0.001**	P<0.001**

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/40.02	0/43.38	0/43.98	2/19.70
POLY-3 PERCENT (g)	2.5%	0%	0%	10.2%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	442
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.121	P=0.484N	P=0.481N	P=0.283
POLY 1.5	P=0.126	P=0.489N	P=0.487N	P=0.380
POLY 6	P=0.312	P=0.478N	P=0.473N	P=0.175
COCH-ARM / FISHERS	P=0.173	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.103	P=0.158N	P=0.158N	P=0.185



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	10/50 (20%)	6/50 (12%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	10/43.13	6/44.95	6/46.80	3/20.09
POLY-3 PERCENT (g)	23.2%	13.4%	12.8%	14.9%
TERMINAL (d)	5/29 (17%)	2/33 (6%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	3	556	453	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.318N	P=0.178N	P=0.156N	P=0.353N
POLY 1.5	P=0.195N	P=0.190N	P=0.177N	P=0.150N
POLY 6	P=0.406N	P=0.162N	P=0.133N	P=0.507
COCH-ARM / FISHERS	P=0.057N	P=0.207N	P=0.207N	P=0.036N*
MAX-ISO-POLY-3	P=0.438N	P=0.119N	P=0.107N	P=0.299N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung</b>				
<b>Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	11/50 (22%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	8/40.55	11/43.38	5/44.57	1/18.92
POLY-3 PERCENT (g)	19.7%	25.4%	11.2%	5.3%
TERMINAL (d)	7/29 (24%)	11/33 (33%)	3/31 (10%)	0/0 (0%)
FIRST INCIDENCE	568	729 (T)	612	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.043N*	P=0.361	P=0.215N	P=0.172N
POLY 1.5	P=0.017N*	P=0.347	P=0.235N	P=0.062N
POLY 6	P=0.071N	P=0.378	P=0.190N	P=0.473N
COCH-ARM / FISHERS	P=0.003N**	P=0.306	P=0.277N	P=0.015N*
MAX-ISO-POLY-3	P=0.071N	P=0.275	P=0.148N	P=0.156N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/41.96	1/43.38	0/43.98	1/19.16
POLY-3 PERCENT (g)	4.8%	2.3%	0%	5.2%
TERMINAL (d)	0/29 (0%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	3	729 (T)	---	3
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.534N	P=0.488N	P=0.227N	P=0.687
POLY 1.5	P=0.561N	P=0.494N	P=0.232N	P=0.632N
POLY 6	P=0.456N	P=0.481N	P=0.219N	P=0.509
COCH-ARM / FISHERS	P=0.525N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.528N	P=0.273N	P=0.076N	P=0.478

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	1/18.74
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	543
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/40.02	2/43.84	3/44.12	2/19.33
POLY-3 PERCENT (g)	2.5%	4.6%	6.8%	10.4%
TERMINAL (d)	1/29 (3%)	1/33 (3%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	596	708	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.192	P=0.532	P=0.341	P=0.278
POLY 1.5	P=0.313	P=0.522	P=0.329	P=0.376
POLY 6	P=0.157	P=0.544	P=0.357	P=0.172
COCH-ARM / FISHERS	P=0.518	P=0.500	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.316	P=0.315	P=0.190	P=0.183

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/40.71	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	7.4%	0%	0%	0%
TERMINAL (d)	2/29 (7%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	494	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.179N	P=0.107N	P=0.105N	P=0.318N
POLY 1.5	P=0.191N	P=0.110N	P=0.109N	P=0.207N
POLY 6	P=0.178N	P=0.103N	P=0.099N	P=0.508N
COCH-ARM / FISHERS	P=0.175N	P=0.121N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.217N	P=0.037N*	P=0.037N*	P=0.214N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	6/50 (12%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/40.02	6/44.41	1/44.74	0/18.16
POLY-3 PERCENT (g)	5%	13.5%	2.2%	0%
TERMINAL (d)	2/29 (7%)	4/33 (12%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	540	453	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.077N	P=0.168	P=0.461N	P=0.434N
POLY 1.5	P=0.058N	P=0.157	P=0.474N	P=0.333N
POLY 6	P=0.089N	P=0.183	P=0.445N	P=0.582N
COCH-ARM / FISHERS	P=0.033N*	P=0.134	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.126N	P=0.102	P=0.259N	P=0.258N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/5 (0%)	0/4 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/5.00	0/3.29	0/3.21	0/0.24
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/5 (0%)	0/2 (0%)	0/3 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
Lymph Node Hemorrhage				
<b>LESION RATES</b>				
OVERALL (a)	0/5 (0%)	0/4 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/5.00	0/3.29	0/3.21	0/0.24
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/5 (0%)	0/2 (0%)	0/3 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node</b>				
<b>Hyperplasia Lymphoid</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/5 (20%)	0/4 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	1/5.00	0/3.29	0/3.21	0/0.24
POLY-3 PERCENT (g)	20%	0%	0%	0%
TERMINAL (d)	1/5 (20%)	0/2 (0%)	0/3 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/5 (40%)	0/4 (0%)	2/4 (50%)	0/1 (0%)
POLY-3 RATE (b)	2/5.00	0/3.29	2/3.21	0/0.24
POLY-3 PERCENT (g)	40%	0%	62.4%	0%
TERMINAL (d)	2/5 (40%)	0/2 (0%)	2/3 (67%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.394	P=0.319N	P=0.532	P=0.782N
POLY 1.5	P=0.523	P=0.294N	P=0.567	P=0.736N
POLY 6	P=0.343	P=0.356N	P=0.507	P=0.811N
COCH-ARM / FISHERS	P=0.740N	P=0.278N	P=0.643	P=0.667N
MAX-ISO-POLY-3	P=0.615N	P=0.132N	P=0.314	P=0.450N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mandibular Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/49 (6%)	0/49 (0%)	0/46 (0%)
POLY-3 RATE (b)	2/40.65	3/43.22	0/43.74	0/16.62
POLY-3 PERCENT (g)	4.9%	6.9%	0%	0%
TERMINAL (d)	0/29 (0%)	1/32 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	600	596	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.109N	P=0.528	P=0.221N	P=0.457N
POLY 1.5	P=0.111N	P=0.517	P=0.227N	P=0.357N
POLY 6	P=0.099N	P=0.540	P=0.214N	P=0.597N
COCH-ARM / FISHERS	P=0.092N	P=0.490	P=0.253N	P=0.269N
MAX-ISO-POLY-3	P=0.179N	P=0.353	P=0.077N	P=0.275N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Lymph Node, Mandibular  
Hyperplasia Lymphoid

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**LESION RATES**

OVERALL (a)	0/50 (0%)	1/49 (2%)	0/49 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/40.02	1/42.38	0/43.74	0/16.62
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/29 (0%)	1/32 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mandibular Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	45/50 (90%)	48/49 (98%)	46/49 (94%)	44/46 (96%)
POLY-3 RATE (b)	45/46.69	48/49.00	46/49.00	44/44.40
POLY-3 PERCENT (g)	96.4%	98%	93.9%	99.1%
TERMINAL (d)	28/29 (97%)	31/32 (97%)	28/31 (90%)	0/0 (0%)
FIRST INCIDENCE	521	428	431	3
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.386	P=0.567	P=0.460N	P=0.420
POLY 1.5	P=0.371	P=0.396	P=0.586N	P=0.325
POLY 6	P=0.378	P=0.699	P=0.365N	P=0.498
COCH-ARM / FISHERS	P=0.424	P=0.107	P=0.369	P=0.254
MAX-ISO-POLY-3	P=0.323	P=0.311	P=0.282N	P=0.144

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/47 (0%)	0/46 (0%)	3/47 (6%)
POLY-3 RATE (b)	0/39.02	0/40.38	0/40.12	3/18.99
POLY-3 PERCENT (g)	0%	0%	0%	15.8%
TERMINAL (d)	0/28 (0%)	0/30 (0%)	0/29 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	(e)	(e)	P=0.039*
POLY 1.5	P=0.004**	(e)	(e)	P=0.064
POLY 6	P=0.027*	(e)	(e)	P=0.021*
COCH-ARM / FISHERS	P=0.008**	(e)	(e)	P=0.113
MAX-ISO-POLY-3	P=0.007**	(e)	(e)	P=0.032*

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	0/47 (0%)	3/46 (7%)	0/47 (0%)
POLY-3 RATE (b)	1/39.02	0/40.38	3/40.52	0/17.23
POLY-3 PERCENT (g)	2.6%	0%	7.4%	0%
TERMINAL (d)	1/28 (4%)	0/30 (0%)	2/29 (7%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	618	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.393	P=0.493N	P=0.318	P=0.642N
POLY 1.5	P=0.628	P=0.497N	P=0.306	P=0.582N
POLY 6	P=0.158	P=0.488N	P=0.336	P=0.715N
COCH-ARM / FISHERS	P=0.467N	P=0.510N	P=0.285	P=0.510N
MAX-ISO-POLY-3	P=0.499	P=0.161N	P=0.171	P=0.327N



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	1/47 (2%)	1/46 (2%)	2/47 (4%)
POLY-3 RATE (b)	1/39.55	1/40.98	1/40.88	2/18.72
POLY-3 PERCENT (g)	2.5%	2.4%	2.5%	10.7%
TERMINAL (d)	0/28 (0%)	0/30 (0%)	0/29 (0%)	0/0 (0%)
FIRST INCIDENCE	569	540	453	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.189	P=0.753N	P=0.753N	P=0.273
POLY 1.5	P=0.240	P=0.757N	P=0.760N	P=0.366
POLY 6	P=0.273	P=0.748N	P=0.745N	P=0.169
COCH-ARM / FISHERS	P=0.354	P=0.742	P=0.737	P=0.484
MAX-ISO-POLY-3	P=0.265	P=0.489N	P=0.490N	P=0.179

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/49 (6%)	7/47 (15%)	7/46 (15%)	8/47 (17%)
POLY-3 RATE (b)	3/39.91	7/41.93	7/40.76	8/22.21
POLY-3 PERCENT (g)	7.5%	16.7%	17.2%	36%
TERMINAL (d)	1/28 (4%)	3/30 (10%)	5/29 (17%)	0/0 (0%)
FIRST INCIDENCE	569	540	627	492
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.018*	P=0.176	P=0.163	P=0.008**
POLY 1.5	P=0.052	P=0.165	P=0.153	P=0.026*
POLY 6	P=0.007**	P=0.189	P=0.178	P<0.001**
COCH-ARM / FISHERS	P=0.178	P=0.142	P=0.134	P=0.087
MAX-ISO-POLY-3	P=0.030*	P=0.109	P=0.099	P=0.012*

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Necrosis Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	1/47 (2%)	0/46 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/39.02	1/40.82	0/40.12	0/17.23
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/28 (0%)	0/30 (0%)	0/29 (0%)	0/0 (0%)
FIRST INCIDENCE	---	603	---	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	0/47 (0%)	2/46 (4%)	4/47 (9%)
POLY-3 RATE (b)	1/39.47	0/40.38	2/40.60	4/19.58
POLY-3 PERCENT (g)	2.5%	0%	4.9%	20.4%
TERMINAL (d)	0/28 (0%)	0/30 (0%)	0/29 (0%)	0/0 (0%)
FIRST INCIDENCE	600	---	618	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.005**	P=0.495N	P=0.510	P=0.046*
POLY 1.5	P=0.011*	P=0.499N	P=0.499	P=0.086
POLY 6	P=0.009**	P=0.492N	P=0.524	P=0.018*
COCH-ARM / FISHERS	P=0.031*	P=0.510N	P=0.476	P=0.168
MAX-ISO-POLY-3	P=0.009**	P=0.161N	P=0.294	P=0.044*

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mammary Gland Galactocele</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/4 (0%)
POLY-3 RATE (b)	0/1.28	0/2.00	0/0.24	0/1.61
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mammary Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/4 (0%)
POLY-3 RATE (b)	0/1.28	0/2.00	0/0.24	0/1.61
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Mammary Gland  
Inflammation Chronic

---

**LESION RATES**

OVERALL (a)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/4 (0%)
POLY-3 RATE (b)	0/1.28	0/2.00	0/0.24	0/1.61
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

---

**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mesentery: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/12 (0%)	0/3 (0%)	2/9 (22%)	2/5 (40%)
POLY-3 RATE (b)	0/9.62	0/2.20	2/7.27	2/3.05
POLY-3 PERCENT (g)	0%	0%	27.5%	65.7%
TERMINAL (d)	0/7 (0%)	0/2 (0%)	2/5 (40%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.012*	(e)	P=0.157	P=0.018*
POLY 1.5	P=0.019*	(e)	P=0.157	P=0.026*
POLY 6	P=0.007**	(e)	P=0.157	P=0.011*
COCH-ARM / FISHERS	P=0.039*	(e)	P=0.171	P=0.074
MAX-ISO-POLY-3	P=0.020*	(e)	P=0.046*	P=0.007**



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Mesentery: Fat  
Necrosis

---

**LESION RATES**

OVERALL (a)	8/12 (67%)	3/3 (100%)	6/9 (67%)	2/5 (40%)
POLY-3 RATE (b)	8/10.76	3/3.00	6/7.94	2/3.22
POLY-3 PERCENT (g)	74.4%	100%	75.6%	62.1%
TERMINAL (d)	6/7 (86%)	2/2 (100%)	4/5 (80%)	0/0 (0%)
FIRST INCIDENCE	491	428	618	451

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**STATISTICAL TESTS**

POLY 3	P=0.411N	P=0.426	P=0.691	P=0.609N
POLY 1.5	P=0.289N	P=0.377	P=0.671	P=0.464N
POLY 6	P=0.577N	P=0.527	P=0.730N	P=0.806
COCH-ARM / FISHERS	P=0.173N	P=0.363	P=0.676N	P=0.314N
MAX-ISO-POLY-3	P=0.492N	P=0.185	P=0.475	P=0.367N

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	4/50 (8%)	7/48 (15%)	7/50 (14%)	5/50 (10%)
<b>POLY-3 RATE (b)</b>	4/40.02	7/42.37	7/44.55	5/21.14
<b>POLY-3 PERCENT (g)</b>	10%	16.5%	15.7%	23.7%
<b>TERMINAL (d)</b>	4/29 (14%)	6/32 (19%)	2/31 (7%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	729 (T)	618	684	528
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.204	P=0.292	P=0.325	P=0.164
<b>POLY 1.5</b>	P=0.372	P=0.275	P=0.302	P=0.301
<b>POLY 6</b>	P=0.133	P=0.315	P=0.359	P=0.054
<b>COCH-ARM / FISHERS</b>	P=0.487N	P=0.239	P=0.262	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.291	P=0.201	P=0.230	P=0.144

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose</b>				
<b>Fungus</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/48 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/40.47	0/41.98	2/43.98	0/18.16
POLY-3 PERCENT (g)	2.5%	0%	4.6%	0%
TERMINAL (d)	0/29 (0%)	0/32 (0%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	598	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.528	P=0.493N	P=0.529	P=0.639N
POLY 1.5	P=0.616N	P=0.497N	P=0.520	P=0.576N
POLY 6	P=0.349	P=0.488N	P=0.540	P=0.714N
COCH-ARM / FISHERS	P=0.467N	P=0.510N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.563N	P=0.161N	P=0.312	P=0.326N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	12/48 (25%)	19/50 (38%)	6/50 (12%)
POLY-3 RATE (b)	9/41.37	12/42.34	19/44.80	6/21.87
POLY-3 PERCENT (g)	21.8%	28.3%	42.4%	27.4%
TERMINAL (d)	6/29 (21%)	11/32 (34%)	13/31 (42%)	0/0 (0%)
FIRST INCIDENCE	589	626	656	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.230	P=0.328	P=0.031*	P=0.428
POLY 1.5	P=0.493N	P=0.316	P=0.028*	P=0.555N
POLY 6	P=0.029*	P=0.340	P=0.038*	P=0.144
COCH-ARM / FISHERS	P=0.104N	P=0.275	P=0.022*	P=0.288N
MAX-ISO-POLY-3	P=0.309	P=0.247	P=0.022*	P=0.352

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/48 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/40.02	2/41.98	2/44.39	0/18.16
POLY-3 PERCENT (g)	5%	4.8%	4.5%	0%
TERMINAL (d)	2/29 (7%)	2/32 (6%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	612	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.354N	P=0.677N	P=0.656N	P=0.434N
POLY 1.5	P=0.255N	P=0.686N	P=0.669N	P=0.333N
POLY 6	P=0.547N	P=0.666N	P=0.639N	P=0.582N
COCH-ARM / FISHERS	P=0.151N	P=0.676	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.479N	P=0.480N	P=0.459N	P=0.258N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas</b>				
<b>Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	10/50 (20%)	14/50 (28%)	7/50 (14%)	0/50 (0%)
POLY-3 RATE (b)	10/40.50	14/44.96	7/44.45	0/18.16
POLY-3 PERCENT (g)	24.7%	31.1%	15.8%	0%
TERMINAL (d)	9/29 (31%)	10/33 (30%)	5/31 (16%)	0/0 (0%)
FIRST INCIDENCE	589	556	612	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.011N*	P=0.336	P=0.224N	P=0.039N*
POLY 1.5	P=0.002N**	P=0.304	P=0.248N	P=0.007N**
POLY 6	P=0.037N*	P=0.380	P=0.194N	P=0.248N
COCH-ARM / FISHERS	P<0.001N**	P=0.241	P=0.298N	P<0.001N**
MAX-ISO-POLY-3	P=0.018N*	P=0.264	P=0.162N	P=0.052N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.02	4/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	2.5%	9.2%	0%	0%
TERMINAL (d)	1/29 (3%)	4/33 (12%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.109N	P=0.203	P=0.481N	P=0.638N
POLY 1.5	P=0.108N	P=0.196	P=0.487N	P=0.575N
POLY 6	P=0.103N	P=0.212	P=0.473N	P=0.713N
COCH-ARM / FISHERS	P=0.090N	P=0.181	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.179N	P=0.106	P=0.158N	P=0.324N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	14/50 (28%)	17/50 (34%)	19/50 (38%)	8/50 (16%)
<b>POLY-3 RATE (b)</b>	14/40.83	17/43.84	19/45.88	8/23.16
<b>POLY-3 PERCENT (g)</b>	34.3%	38.8%	41.4%	34.6%
<b>TERMINAL (d)</b>	12/29 (41%)	16/33 (49%)	14/31 (45%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	521	596	551	480
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.529	P=0.418	P=0.321	P=0.597
<b>POLY 1.5</b>	P=0.250N	P=0.395	P=0.272	P=0.331N
<b>POLY 6</b>	P=0.225	P=0.448	P=0.396	P=0.204
<b>COCH-ARM / FISHERS</b>	P=0.034N*	P=0.333	P=0.198	P=0.114N
<b>MAX-ISO-POLY-3</b>	P=0.614	P=0.336	P=0.258	P=0.493



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas</b>				
<b>Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	2/44.34	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	556	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.319N	P=0.261	(e)	(e)
POLY 1.5	P=0.328N	P=0.253	(e)	(e)
POLY 6	P=0.372N	P=0.270	(e)	(e)
COCH-ARM / FISHERS	P=0.326N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.510N	P=0.098	(e)	(e)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	2/43.92	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/29 (0%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	564	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.319N	P=0.258	(e)	(e)
POLY 1.5	P=0.329N	P=0.252	(e)	(e)
POLY 6	P=0.371N	P=0.266	(e)	(e)
COCH-ARM / FISHERS	P=0.326N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.510N	P=0.096	(e)	(e)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Parathyroid Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/48 (6%)	1/43 (2%)	5/49 (10%)	0/44 (0%)
POLY-3 RATE (b)	3/39.43	1/37.80	5/43.29	0/16.19
POLY-3 PERCENT (g)	7.6%	2.7%	11.6%	0%
TERMINAL (d)	2/29 (7%)	1/30 (3%)	3/31 (10%)	0/0 (0%)
FIRST INCIDENCE	680	729 (T)	709	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.552	P=0.320N	P=0.408	P=0.339N
POLY 1.5	P=0.390N	P=0.327N	P=0.396	P=0.225N
POLY 6	P=0.260	P=0.310N	P=0.426	P=0.522N
COCH-ARM / FISHERS	P=0.182N	P=0.351N	P=0.369	P=0.138N
MAX-ISO-POLY-3	P=0.435N	P=0.165N	P=0.282	P=0.227N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Peripheral Nerve Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/2 (100%)	1/1 (100%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	2/2.00	1/1.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	100%	100%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	598	556	612	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pituitary Gland: Pars Distalis Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/47 (4%)	2/43 (5%)	0/43 (0%)	1/44 (2%)
POLY-3 RATE (b)	2/37.99	2/37.41	0/38.02	1/16.54
POLY-3 PERCENT (g)	5.3%	5.4%	0%	6.1%
TERMINAL (d)	2/28 (7%)	2/29 (7%)	0/27 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.425N	P=0.689	P=0.236N	P=0.676
POLY 1.5	P=0.443N	P=0.682	P=0.243N	P=0.650N
POLY 6	P=0.348N	P=0.692N	P=0.228N	P=0.503
COCH-ARM / FISHERS	P=0.396N	P=0.657	P=0.270N	P=0.525N
MAX-ISO-POLY-3	P=0.561N	P=0.493	P=0.080N	P=0.468

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Pituitary Gland: Pars Distalis  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	0/47 (0%)	0/43 (0%)	0/43 (0%)	0/44 (0%)
POLY-3 RATE (b)	0/37.99	0/37.41	0/38.02	0/15.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/28 (0%)	0/29 (0%)	0/27 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

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Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Pituitary Gland: Pars Distalis  
Hyperplasia Focal

---

**LESION RATES**

OVERALL (a)	0/47 (0%)	1/43 (2%)	4/43 (9%)	1/44 (2%)
POLY-3 RATE (b)	0/37.99	1/37.96	4/38.02	1/16.54
POLY-3 PERCENT (g)	0%	2.6%	10.5%	6.1%
TERMINAL (d)	0/28 (0%)	0/29 (0%)	4/27 (15%)	0/0 (0%)
FIRST INCIDENCE	---	556	729 (T)	543

---

**STATISTICAL TESTS**

POLY 3	P=0.112	P=0.500	P=0.059	P=0.354
POLY 1.5	P=0.274	P=0.495	P=0.056	P=0.413
POLY 6	P=0.030*	P=0.506	P=0.063	P=0.284
COCH-ARM / FISHERS	P=0.538	P=0.478	P=0.048*	P=0.484
MAX-ISO-POLY-3	P=0.185	P=0.164	P=0.021*	P=0.151

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Preputial Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	16/50 (32%)	14/50 (28%)	3/50 (6%)
POLY-3 RATE (b)	9/41.78	16/44.99	14/44.51	3/20.18
POLY-3 PERCENT (g)	21.5%	35.6%	31.5%	14.9%
TERMINAL (d)	4/29 (14%)	10/33 (30%)	11/31 (36%)	0/0 (0%)
FIRST INCIDENCE	491	603	656	477
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.278N	P=0.111	P=0.211	P=0.400N
POLY 1.5	P=0.072N	P=0.103	P=0.200	P=0.190N
POLY 6	P=0.452	P=0.126	P=0.228	P=0.479
COCH-ARM / FISHERS	P=0.005N**	P=0.083	P=0.171	P=0.061N
MAX-ISO-POLY-3	P=0.354N	P=0.079	P=0.155	P=0.329N



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<hr/>				
Preputial Gland Inflammation Acute				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/40.20	0/43.38	0/43.98	1/18.92
POLY-3 PERCENT (g)	5%	0%	0%	5.3%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	684	---	---	451
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.598	P=0.220N	P=0.217N	P=0.695
POLY 1.5	P=0.611	P=0.225N	P=0.224N	P=0.626N
POLY 6	P=0.612N	P=0.215N	P=0.210N	P=0.516
COCH-ARM / FISHERS	P=0.692	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.428N	P=0.075N	P=0.075N	P=0.485

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

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 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Preputial Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	25/50 (50%)	29/50 (58%)	28/50 (56%)	5/50 (10%)
POLY-3 RATE (b)	25/43.26	29/47.68	28/46.91	5/21.12
POLY-3 PERCENT (g)	57.8%	60.8%	59.7%	23.7%
TERMINAL (d)	18/29 (62%)	18/33 (55%)	17/31 (55%)	0/0 (0%)
FIRST INCIDENCE	491	428	453	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.022N*	P=0.467	P=0.512	P=0.010N**
POLY 1.5	P<0.001N**	P=0.402	P=0.455	P<0.001N**
POLY 6	P=0.353N	P=0.558	P=0.578N	P=0.295N
COCH-ARM / FISHERS	P<0.001N**	P=0.274	P=0.344	P<0.001N**
MAX-ISO-POLY-3	P=0.037N*	P=0.386	P=0.426	P=0.021N*

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Prostate Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	4/41.85	2/44.22	1/44.16	0/18.16
POLY-3 PERCENT (g)	9.6%	4.5%	2.3%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	584	603	684	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.132N	P=0.312N	P=0.162N	P=0.246N
POLY 1.5	P=0.104N	P=0.317N	P=0.166N	P=0.134N
POLY 6	P=0.168N	P=0.306N	P=0.158N	P=0.461N
COCH-ARM / FISHERS	P=0.061N	P=0.339N	P=0.181N	P=0.059N
MAX-ISO-POLY-3	P=0.217N	P=0.187N	P=0.079N	P=0.183N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Prostate Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	27/50 (54%)	34/50 (68%)	30/50 (60%)	15/50 (30%)
POLY-3 RATE (b)	27/42.39	34/47.04	30/46.36	15/27.25
POLY-3 PERCENT (g)	63.7%	72.3%	64.7%	55%
TERMINAL (d)	22/29 (76%)	24/33 (73%)	22/31 (71%)	0/0 (0%)
FIRST INCIDENCE	494	428	453	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.145N	P=0.249	P=0.551	P=0.305N
POLY 1.5	P=0.017N*	P=0.194	P=0.477	P=0.081N
POLY 6	P=0.530	P=0.344	P=0.534N	P=0.374
COCH-ARM / FISHERS	P<0.001N**	P=0.109	P=0.343	P=0.013N*
MAX-ISO-POLY-3	P=0.239N	P=0.192	P=0.460	P=0.256N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Prostate: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/41.40	0/43.38	1/43.98	0/18.16
POLY-3 PERCENT (g)	7.3%	0%	2.3%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	584	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.318N	P=0.110N	P=0.283N	P=0.323N
POLY 1.5	P=0.268N	P=0.112N	P=0.289N	P=0.209N
POLY 6	P=0.437N	P=0.109N	P=0.277N	P=0.513N
COCH-ARM / FISHERS	P=0.197N	P=0.121N	P=0.309N	P=0.121N
MAX-ISO-POLY-3	P=0.282N	P=0.038N*	P=0.146N	P=0.218N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Salivary Glands Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	5%	0%	0%	0%
TERMINAL (d)	2/29 (7%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.279N	P=0.219N	P=0.216N	P=0.434N
POLY 1.5	P=0.299N	P=0.225N	P=0.223N	P=0.333N
POLY 6	P=0.309N	P=0.213N	P=0.208N	P=0.582N
COCH-ARM / FISHERS	P=0.289N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.295N	P=0.075N	P=0.075N	P=0.258N

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Salivary Glands</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	31/50 (62%)	38/50 (76%)	30/50 (60%)	21/50 (42%)
<b>POLY-3 RATE (b)</b>	31/44.16	38/47.14	30/47.30	21/30.76
<b>POLY-3 PERCENT (g)</b>	70.2%	80.6%	63.4%	68.3%
<b>TERMINAL (d)</b>	21/29 (72%)	29/33 (88%)	20/31 (65%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	521	428	453	477
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.209N	P=0.166	P=0.316N	P=0.534N
<b>POLY 1.5</b>	P=0.041N*	P=0.154	P=0.365N	P=0.194N
<b>POLY 6</b>	P=0.521	P=0.166	P=0.268N	P=0.191
<b>COCH-ARM / FISHERS</b>	P<0.001N**	P=0.097	P=0.500N	P=0.036N*
<b>MAX-ISO-POLY-3</b>	P=0.338N	P=0.116	P=0.248N	P=0.431N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Salivary Glands Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	5/50 (10%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	0/40.02	5/43.77	4/44.12	1/18.75
POLY-3 PERCENT (g)	0%	11.4%	9.1%	5.3%
TERMINAL (d)	0/29 (0%)	4/33 (12%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	---	618	709	538
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.477	P=0.038*	P=0.073	P=0.365
POLY 1.5	P=0.513N	P=0.036*	P=0.069	P=0.427
POLY 6	P=0.320	P=0.042*	P=0.080	P=0.291
COCH-ARM / FISHERS	P=0.307N	P=0.028*	P=0.059	P=0.500
MAX-ISO-POLY-3	P=0.338	P=0.016*	P=0.030*	P=0.156



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Seminal Vesicle Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/40.49	1/43.98	0/43.04	0/17.85
POLY-3 PERCENT (g)	4.9%	2.3%	0%	0%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	592	540	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.202N	P=0.471N	P=0.224N	P=0.440N
POLY 1.5	P=0.210N	P=0.479N	P=0.229N	P=0.339N
POLY 6	P=0.213N	P=0.462N	P=0.216N	P=0.586N
COCH-ARM / FISHERS	P=0.189N	P=0.500N	P=0.253N	P=0.253N
MAX-ISO-POLY-3	P=0.333N	P=0.264N	P=0.077N	P=0.262N

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Seminal Vesicle Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	7/50 (14%)	8/49 (16%)	0/49 (0%)
POLY-3 RATE (b)	3/40.02	7/43.84	8/43.04	0/17.85
POLY-3 PERCENT (g)	7.5%	16%	18.6%	0%
TERMINAL (d)	3/29 (10%)	6/33 (18%)	8/31 (26%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	596	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.410N	P=0.195	P=0.120	P=0.318N
POLY 1.5	P=0.161N	P=0.184	P=0.111	P=0.209N
POLY 6	P=0.332	P=0.210	P=0.134	P=0.506N
COCH-ARM / FISHERS	P=0.034N*	P=0.159	P=0.094	P=0.125N
MAX-ISO-POLY-3	P=0.295N	P=0.126	P=0.074	P=0.212N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skeletal Muscle Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/2 (100%)	0/2 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	2/2.00	0/1.27	0/0.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	598	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	P=0.010N**	(e)	(e)
POLY 1.5	(e)	P<0.001N**	(e)	(e)
POLY 6	(e)	P=0.270N	(e)	(e)
COCH-ARM / FISHERS	P=1.000N	P=0.167N	(e)	(e)
MAX-ISO-POLY-3	(e)	P<0.001N**	(e)	(e)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skeletal Muscle Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/2 (100%)	0/2 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	2/2.00	0/1.27	0/0.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	598	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	P=0.010N**	(e)	(e)
POLY 1.5	(e)	P<0.001N**	(e)	(e)
POLY 6	(e)	P=0.270N	(e)	(e)
COCH-ARM / FISHERS	P=1.000N	P=0.167N	(e)	(e)
MAX-ISO-POLY-3	(e)	P<0.001N**	(e)	(e)

---

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skeletal Muscle Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/2 (100%)	0/2 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	2/2.00	0/1.27	0/0.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	598	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	P=0.010N**	(e)	(e)
POLY 1.5	(e)	P<0.001N**	(e)	(e)
POLY 6	(e)	P=0.270N	(e)	(e)
COCH-ARM / FISHERS	P=1.000N	P=0.167N	(e)	(e)
MAX-ISO-POLY-3	(e)	P<0.001N**	(e)	(e)

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<hr/>				
Skin				
Cyst Epithelial Inclusion				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	1/44.16	0/18.16
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	684	---
<hr/>				
<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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Edema</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<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)

---

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Fibrosis</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/40.02	1/43.38	0/43.98	1/18.74
POLY-3 PERCENT (g)	0%	2.3%	0%	5.3%
TERMINAL (d)	0/29 (0%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	543
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	1/18.74
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	543
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Hyperkeratosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/40.96	3/43.38	0/43.98	1/18.74
POLY-3 PERCENT (g)	2.4%	6.9%	0%	5.3%
TERMINAL (d)	0/29 (0%)	3/33 (9%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	298	729 (T)	---	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.432N	P=0.326	P=0.486N	P=0.568
POLY 1.5	P=0.448N	P=0.320	P=0.491N	P=0.665
POLY 6	P=0.358N	P=0.334	P=0.479N	P=0.428
COCH-ARM / FISHERS	P=0.401N	P=0.309	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.556N	P=0.175	P=0.158N	P=0.348

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/40.02	1/43.38	2/43.98	1/18.74
POLY-3 PERCENT (g)	5%	2.3%	4.6%	5.3%
TERMINAL (d)	2/29 (7%)	1/33 (3%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.480	P=0.472N	P=0.660N	P=0.694
POLY 1.5	P=0.605	P=0.480N	P=0.671N	P=0.627N
POLY 6	P=0.460	P=0.462N	P=0.645N	P=0.515
COCH-ARM / FISHERS	P=0.494N	P=0.500N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.655	P=0.265N	P=0.462N	P=0.484

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	3/41.13	4/43.82	0/43.98	3/19.92
POLY-3 PERCENT (g)	7.3%	9.1%	0%	15.1%
TERMINAL (d)	1/29 (3%)	3/33 (9%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	298	603	---	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.544	P=0.535	P=0.107N	P=0.329
POLY 1.5	P=0.561	P=0.524	P=0.111N	P=0.482
POLY 6	P=0.464N	P=0.549	P=0.101N	P=0.164
COCH-ARM / FISHERS	P=0.546N	P=0.500	P=0.121N	P=0.661N
MAX-ISO-POLY-3	P=0.304	P=0.382	P=0.038N*	P=0.252

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Mineralization</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	2/44.04	0/18.16
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	716	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.330	(e)	P=0.259	(e)
POLY 1.5	P=0.555	(e)	P=0.252	(e)
POLY 6	P=0.139	(e)	P=0.269	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.448	(e)	P=0.097	(e)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/40.66	1/43.38	1/43.98	1/18.74
POLY-3 PERCENT (g)	4.9%	2.3%	2.3%	5.3%
TERMINAL (d)	1/29 (3%)	1/33 (3%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	521	729 (T)	729 (T)	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.585	P=0.477N	P=0.473N	P=0.690
POLY 1.5	P=0.601N	P=0.483N	P=0.481N	P=0.630N
POLY 6	P=0.664	P=0.470N	P=0.461N	P=0.511
COCH-ARM / FISHERS	P=0.508N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.617	P=0.268N	P=0.265N	P=0.480

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin: Lip</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/40.02	1/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	5%	2.3%	0%	0%
TERMINAL (d)	2/29 (7%)	1/33 (3%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.197N	P=0.472N	P=0.216N	P=0.434N
POLY 1.5	P=0.206N	P=0.480N	P=0.223N	P=0.333N
POLY 6	P=0.204N	P=0.462N	P=0.208N	P=0.582N
COCH-ARM / FISHERS	P=0.186N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.323N	P=0.265N	P=0.075N	P=0.258N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Skin: Lip  
Inflammation Chronic

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin: Prepuce</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	2/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.330	(e)	P=0.259	(e)
POLY 1.5	P=0.555	(e)	P=0.251	(e)
POLY 6	P=0.139	(e)	P=0.268	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.448	(e)	P=0.096	(e)

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin: Tail, Epidermis Hyperkeratosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin: Tail, Epidermis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	2/19.33
POLY-3 PERCENT (g)	0%	0%	0%	10.4%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.026*	(e)	(e)	P=0.121
POLY 1.5	P=0.026*	(e)	(e)	P=0.166
POLY 6	P=0.125	(e)	(e)	P=0.080
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.072

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spinal Cord Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/1 (0%)	0/1 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.56	0/0.44	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	612	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	14/50 (28%)	10/47 (21%)	13/47 (28%)	25/47 (53%)
<b>POLY-3 RATE (b)</b>	14/43.37	10/43.86	13/43.65	25/33.04
<b>POLY-3 PERCENT (g)</b>	32.3%	22.8%	29.8%	75.7%
<b>TERMINAL (d)</b>	8/29 (28%)	5/33 (15%)	7/31 (23%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	298	564	453	3
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P<0.001**	P=0.225N	P=0.492N	P<0.001**
<b>POLY 1.5</b>	P<0.001**	P=0.247N	P=0.519N	P<0.001**
<b>POLY 6</b>	P<0.001**	P=0.198N	P=0.454N	P<0.001**
<b>COCH-ARM / FISHERS</b>	P<0.001**	P=0.298N	P=0.575N	P=0.010**
<b>MAX-ISO-POLY-3</b>	P<0.001**	P=0.165N	P=0.400N	P<0.001**

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	13/50 (26%)	12/47 (26%)	2/47 (4%)	2/47 (4%)
POLY-3 RATE (b)	13/43.12	12/44.36	2/42.01	2/18.50
POLY-3 PERCENT (g)	30.2%	27.1%	4.8%	10.8%
TERMINAL (d)	5/29 (17%)	6/33 (18%)	2/31 (7%)	0/0 (0%)
FIRST INCIDENCE	521	556	729 (T)	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.008N**	P=0.467N	P=0.002N**	P=0.124N
POLY 1.5	P=0.004N**	P=0.495N	P=0.002N**	P=0.026N*
POLY 6	P=0.005N**	P=0.440N	P=0.002N**	P=0.483N
COCH-ARM / FISHERS	P<0.001N**	P=0.572N	P=0.003N**	P=0.003N**
MAX-ISO-POLY-3	P=0.013N*	P=0.376N	P<0.001N**	P=0.132N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen: Lymphoid Follicle Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/47 (4%)	3/47 (6%)	4/47 (9%)
POLY-3 RATE (b)	1/40.47	2/42.36	3/42.46	4/20.06
POLY-3 PERCENT (g)	2.5%	4.7%	7.1%	19.9%
TERMINAL (d)	0/29 (0%)	1/33 (3%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	598	698	618	442
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.030*	P=0.516	P=0.322	P=0.046*
POLY 1.5	P=0.058	P=0.504	P=0.309	P=0.084
POLY 6	P=0.030*	P=0.529	P=0.339	P=0.018*
COCH-ARM / FISHERS	P=0.140	P=0.477	P=0.285	P=0.162
MAX-ISO-POLY-3	P=0.049*	P=0.300	P=0.175	P=0.044*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen: Lymphoid Follicle Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	7/47 (15%)	9/47 (19%)	5/47 (11%)
POLY-3 RATE (b)	11/40.20	7/42.24	9/42.18	5/20.69
POLY-3 PERCENT (g)	27.4%	16.6%	21.3%	24.2%
TERMINAL (d)	10/29 (35%)	7/33 (21%)	8/31 (26%)	0/0 (0%)
FIRST INCIDENCE	684	729 (T)	684	3
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.499	P=0.177N	P=0.351N	P=0.514N
POLY 1.5	P=0.389N	P=0.203N	P=0.388N	P=0.273N
POLY 6	P=0.337	P=0.151N	P=0.306N	P=0.335
COCH-ARM / FISHERS	P=0.143N	P=0.262N	P=0.463N	P=0.108N
MAX-ISO-POLY-3	P=0.525N	P=0.126N	P=0.269N	P=0.418N



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Spleen: Lymphoid Follicle  
Hyperplasia Focal

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/47 (0%)	0/47 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/40.02	0/42.24	0/42.01	0/17.33
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

---

**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Edema</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	2/45.50	0/18.16
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	453	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.330	(e)	P=0.267	(e)
POLY 1.5	P=0.553	(e)	P=0.257	(e)
POLY 6	P=0.143	(e)	P=0.279	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.456	(e)	P=0.104	(e)

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Erosion</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	5/50 (10%)	9/50 (18%)	3/50 (6%)
POLY-3 RATE (b)	4/40.28	5/44.18	9/45.56	3/19.93
POLY-3 PERCENT (g)	9.9%	11.3%	19.8%	15.1%
TERMINAL (d)	3/29 (10%)	2/33 (6%)	6/31 (19%)	0/0 (0%)
FIRST INCIDENCE	660	556	453	537
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.226	P=0.558	P=0.167	P=0.444
POLY 1.5	P=0.478	P=0.540	P=0.149	P=0.617
POLY 6	P=0.078	P=0.580	P=0.190	P=0.225
COCH-ARM / FISHERS	P=0.327N	P=0.500	P=0.117	P=0.500N
MAX-ISO-POLY-3	P=0.370	P=0.420	P=0.115	P=0.339

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/40.50	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	4.9%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	598	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.278N	P=0.222N	P=0.219N	P=0.437N
POLY 1.5	P=0.298N	P=0.226N	P=0.225N	P=0.335N
POLY 6	P=0.306N	P=0.218N	P=0.212N	P=0.584N
COCH-ARM / FISHERS	P=0.289N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.299N	P=0.075N	P=0.075N	P=0.260N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	2/44.37	0/18.16
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	618	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.330	(e)	P=0.261	(e)
POLY 1.5	P=0.555	(e)	P=0.253	(e)
POLY 6	P=0.140	(e)	P=0.272	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.450	(e)	P=0.098	(e)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	18/50 (36%)	18/50 (36%)	34/50 (68%)	19/50 (38%)
POLY-3 RATE (b)	18/44.17	18/45.35	34/47.23	19/29.75
POLY-3 PERCENT (g)	40.8%	39.7%	72%	63.9%
TERMINAL (d)	7/29 (24%)	11/33 (33%)	22/31 (71%)	0/0 (0%)
FIRST INCIDENCE	521	556	453	480
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.005**	P=0.545N	P<0.001**	P=0.038*
POLY 1.5	P=0.071	P=0.542N	P<0.001**	P=0.169
POLY 6	P<0.001**	P=0.556N	P=0.002**	P=0.002**
COCH-ARM / FISHERS	P=0.529	P=0.582N	P<0.001**	P=0.500
MAX-ISO-POLY-3	P=0.009**	P=0.458N	P<0.001**	P=0.042*

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Stomach, Forestomach  
Inflammation Chronic

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	0/43.38	0/43.98	0/18.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	8/50 (16%)	14/50 (28%)	11/50 (22%)
POLY-3 RATE (b)	9/42.13	8/45.05	14/45.77	11/24.95
POLY-3 PERCENT (g)	21.4%	17.8%	30.6%	44.1%
TERMINAL (d)	3/29 (10%)	3/33 (9%)	7/31 (23%)	0/0 (0%)
FIRST INCIDENCE	568	428	453	480
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.016*	P=0.439N	P=0.229	P=0.048*
POLY 1.5	P=0.068	P=0.453N	P=0.211	P=0.157
POLY 6	P=0.003**	P=0.427N	P=0.253	P=0.005**
COCH-ARM / FISHERS	P=0.314	P=0.500N	P=0.171	P=0.402
MAX-ISO-POLY-3	P=0.026*	P=0.340N	P=0.172	P=0.056



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	26/50 (52%)	19/50 (38%)	40/50 (80%)	29/50 (58%)
POLY-3 RATE (b)	26/45.54	19/45.42	40/48.15	29/35.92
POLY-3 PERCENT (g)	57.1%	41.8%	83.1%	80.7%
TERMINAL (d)	12/29 (41%)	12/33 (36%)	24/31 (77%)	0/0 (0%)
FIRST INCIDENCE	521	556	453	442
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.102N	P=0.004**	P=0.014*
POLY 1.5	P=0.004**	P=0.094N	P=0.003**	P=0.080
POLY 6	P<0.001**	P=0.121N	P=0.004**	P<0.001**
COCH-ARM / FISHERS	P=0.120	P=0.114N	P=0.003**	P=0.344
MAX-ISO-POLY-3	P<0.001**	P=0.069N	P=0.002**	P=0.013*

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Erosion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/48 (0%)	1/48 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/40.02	0/42.37	1/42.89	2/19.54
POLY-3 PERCENT (g)	0%	0%	2.3%	10.2%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	715	451
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.029*	(e)	P=0.514	P=0.122
POLY 1.5	P=0.045*	(e)	P=0.506	P=0.167
POLY 6	P=0.055	(e)	P=0.523	P=0.081
COCH-ARM / FISHERS	P=0.088	(e)	P=0.490	P=0.247
MAX-ISO-POLY-3	P=0.048*	(e)	P=0.178	P=0.072

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/48 (2%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/40.28	1/43.16	2/43.22	0/18.16
POLY-3 PERCENT (g)	2.5%	2.3%	4.6%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	660	428	618	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.611N	P=0.745N	P=0.525	P=0.639N
POLY 1.5	P=0.471N	P=0.753N	P=0.512	P=0.576N
POLY 6	P=0.502	P=0.737N	P=0.540	P=0.713N
COCH-ARM / FISHERS	P=0.325N	P=0.742	P=0.485	P=0.500N
MAX-ISO-POLY-3	P=0.544N	P=0.480N	P=0.309	P=0.325N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	5/48 (10%)	6/48 (13%)	2/50 (4%)
POLY-3 RATE (b)	4/40.50	5/42.52	6/43.18	2/19.33
POLY-3 PERCENT (g)	9.9%	11.8%	13.9%	10.4%
TERMINAL (d)	2/29 (7%)	4/33 (12%)	4/31 (13%)	0/0 (0%)
FIRST INCIDENCE	598	689	684	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.498	P=0.531	P=0.410	P=0.639
POLY 1.5	P=0.428N	P=0.514	P=0.388	P=0.518N
POLY 6	P=0.330	P=0.551	P=0.438	P=0.396
COCH-ARM / FISHERS	P=0.189N	P=0.474	P=0.344	P=0.339N
MAX-ISO-POLY-3	P=0.649	P=0.393	P=0.294	P=0.483

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/48 (0%)	2/48 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/40.28	0/42.37	2/43.11	1/18.77
POLY-3 PERCENT (g)	2.5%	0%	4.6%	5.3%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	660	---	656	530
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.226	P=0.490N	P=0.524	P=0.572
POLY 1.5	P=0.352	P=0.495N	P=0.511	P=0.668
POLY 6	P=0.181	P=0.484N	P=0.539	P=0.430
COCH-ARM / FISHERS	P=0.546	P=0.510N	P=0.485	P=0.753N
MAX-ISO-POLY-3	P=0.370	P=0.161N	P=0.307	P=0.350

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Stomach, Glandular: Glands  
Ectasia Focal

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	1/48 (2%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.02	1/42.37	2/43.40	0/18.16
POLY-3 PERCENT (g)	0%	2.4%	4.6%	0%
TERMINAL (d)	0/29 (0%)	1/33 (3%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	551	---

---

**STATISTICAL TESTS**

POLY 3	P=0.508	P=0.511	P=0.256	(e)
POLY 1.5	P=0.630N	P=0.505	P=0.246	(e)
POLY 6	P=0.324	P=0.519	P=0.268	(e)
COCH-ARM / FISHERS	P=0.484N	P=0.490	P=0.237	(e)
MAX-ISO-POLY-3	P=0.505	P=0.175	P=0.095	(e)

---

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Testes</b>				
<b>Giant Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	4/50 (8%)	2/49 (4%)
POLY-3 RATE (b)	2/40.91	0/43.38	4/44.29	2/19.26
POLY-3 PERCENT (g)	4.9%	0%	9%	10.4%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	569	---	684	477
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.096	P=0.224N	P=0.374	P=0.415
POLY 1.5	P=0.207	P=0.227N	P=0.363	P=0.546
POLY 6	P=0.049*	P=0.221N	P=0.389	P=0.253
COCH-ARM / FISHERS	P=0.423	P=0.247N	P=0.339	P=0.684
MAX-ISO-POLY-3	P=0.159	P=0.075N	P=0.238	P=0.291

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Testes: Germinal Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	8/50 (16%)	20/50 (40%)	13/49 (27%)
POLY-3 RATE (b)	11/42.69	8/43.62	20/45.73	13/26.13
POLY-3 PERCENT (g)	25.8%	18.3%	43.7%	49.8%
TERMINAL (d)	4/29 (14%)	6/33 (18%)	12/31 (39%)	0/0 (0%)
FIRST INCIDENCE	494	689	453	442
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	P=0.283N	P=0.057	P=0.039*
POLY 1.5	P=0.032*	P=0.282N	P=0.053	P=0.140
POLY 6	P<0.001**	P=0.288N	P=0.065	P=0.003**
COCH-ARM / FISHERS	P=0.238	P=0.306N	P=0.041*	P=0.385
MAX-ISO-POLY-3	P=0.007**	P=0.205N	P=0.040*	P=0.046*



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	26/40 (65%)	28/41 (68%)	23/40 (58%)	23/39 (59%)
POLY-3 RATE (b)	26/38.89	28/40.45	23/39.26	23/29.40
POLY-3 PERCENT (g)	66.9%	69.2%	58.6%	78.2%
TERMINAL (d)	13/25 (52%)	15/27 (56%)	10/25 (40%)	0/0 (0%)
FIRST INCIDENCE	3	428	453	3
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.240	P=0.505	P=0.302N	P=0.209
POLY 1.5	P=0.497	P=0.501	P=0.301N	P=0.489
POLY 6	P=0.068	P=0.503	P=0.310N	P=0.031*
COCH-ARM / FISHERS	P=0.263N	P=0.469	P=0.323N	P=0.375N
MAX-ISO-POLY-3	P=0.256	P=0.410	P=0.227N	P=0.165

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/40 (35%)	12/41 (29%)	13/40 (33%)	3/39 (8%)
POLY-3 RATE (b)	14/34.95	12/36.43	13/36.48	3/16.04
POLY-3 PERCENT (g)	40.1%	32.9%	35.6%	18.7%
TERMINAL (d)	10/25 (40%)	9/27 (33%)	9/25 (36%)	0/0 (0%)
FIRST INCIDENCE	494	564	627	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.192N	P=0.352N	P=0.444N	P=0.138N
POLY 1.5	P=0.049N*	P=0.346N	P=0.449N	P=0.027N*
POLY 6	P=0.507N	P=0.361N	P=0.442N	P=0.538N
COCH-ARM / FISHERS	P=0.003N**	P=0.377N	P=0.500N	P=0.003N**
MAX-ISO-POLY-3	P=0.281N	P=0.268N	P=0.351N	P=0.140N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus</b>				
<b>Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/40 (3%)	2/41 (5%)	3/40 (8%)	1/39 (3%)
POLY-3 RATE (b)	1/33.09	2/35.37	3/35.68	1/14.87
POLY-3 PERCENT (g)	3%	5.7%	8.4%	6.7%
TERMINAL (d)	0/25 (0%)	2/27 (7%)	3/25 (12%)	0/0 (0%)
FIRST INCIDENCE	680	729 (T)	729 (T)	543
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.366	P=0.523	P=0.332	P=0.564
POLY 1.5	P=0.535	P=0.522	P=0.326	P=0.660
POLY 6	P=0.257	P=0.523	P=0.335	P=0.426
COCH-ARM / FISHERS	P=0.510N	P=0.509	P=0.308	P=0.747
MAX-ISO-POLY-3	P=0.544	P=0.304	P=0.181	P=0.345

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus</b>				
<b>Necrosis Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/40 (0%)	6/41 (15%)	3/40 (8%)	3/39 (8%)
POLY-3 RATE (b)	0/32.90	6/37.98	3/36.94	3/16.96
POLY-3 PERCENT (g)	0%	15.8%	8.1%	17.7%
TERMINAL (d)	0/25 (0%)	0/27 (0%)	0/25 (0%)	0/0 (0%)
FIRST INCIDENCE	---	428	581	3
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.258	P=0.023*	P=0.139	P=0.041*
POLY 1.5	P=0.381	P=0.020*	P=0.133	P=0.069
POLY 6	P=0.250	P=0.026*	P=0.147	P=0.021*
COCH-ARM / FISHERS	P=0.556	P=0.014*	P=0.120	P=0.116
MAX-ISO-POLY-3	P=0.153	P=0.011*	P=0.056	P=0.032*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Thyroid Gland: Follicle  
Cyst

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/40.02	0/42.85	1/43.98	1/18.74
POLY-3 PERCENT (g)	0%	0%	2.3%	5.3%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	1/31 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	543

---

**STATISTICAL TESTS**

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)

---

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thyroid Gland: Follicle Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	21/50 (42%)	19/49 (39%)	12/50 (24%)	6/49 (12%)
POLY-3 RATE (b)	21/43.73	19/45.51	12/45.13	6/21.94
POLY-3 PERCENT (g)	48%	41.8%	26.6%	27.4%
TERMINAL (d)	12/29 (41%)	13/33 (39%)	7/31 (23%)	0/0 (0%)
FIRST INCIDENCE	568	540	551	477
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040N*	P=0.350N	P=0.027N*	P=0.098N
POLY 1.5	P=0.008N**	P=0.372N	P=0.030N*	P=0.011N*
POLY 6	P=0.115N	P=0.332N	P=0.026N*	P=0.579N
COCH-ARM / FISHERS	P<0.001N**	P=0.452N	P=0.044N*	P<0.001N**
MAX-ISO-POLY-3	P=0.066N	P=0.279N	P=0.017N*	P=0.109N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thyroid Gland: Follicle Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	25/50 (50%)	35/49 (71%)	41/50 (82%)	45/49 (92%)
POLY-3 RATE (b)	25/42.70	35/45.50	41/47.94	45/46.19
POLY-3 PERCENT (g)	58.5%	76.9%	85.5%	97.4%
TERMINAL (d)	19/29 (66%)	28/33 (85%)	27/31 (87%)	0/0 (0%)
FIRST INCIDENCE	491	540	431	442
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.042*	P=0.002**	P<0.001**
POLY 1.5	P<0.001**	P=0.036*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.053	P=0.004**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.024*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.028*	P<0.001**	P<0.001**

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Urethra  
Inflammation Acute

---

**LESION RATES**

OVERALL (a)	0/0 (0%)	2/4 (50%)	2/3 (67%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	2/3.15	2/2.64	0/0.00
POLY-3 PERCENT (g)	0%	63.5%	75.9%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	428	581	---

---

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.941	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

---



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Urethra: Bulbourethral Gland  
Necrosis

---

**LESION RATES**

OVERALL (a)	0/0 (0%)	2/4 (50%)	1/3 (33%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	2/3.10	1/2.14	0/0.00
POLY-3 PERCENT (g)	0%	64.5%	46.7%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	428	715	---

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**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.941N	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

---

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

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Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Urinary Bladder Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/49 (2%)	1/48 (2%)	0/48 (0%)
POLY-3 RATE (b)	2/40.91	1/43.57	1/42.62	0/17.57
POLY-3 PERCENT (g)	4.9%	2.3%	2.4%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	600	428	581	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.350N	P=0.478N	P=0.486N	P=0.446N
POLY 1.5	P=0.292N	P=0.486N	P=0.495N	P=0.345N
POLY 6	P=0.486N	P=0.470N	P=0.474N	P=0.590N
COCH-ARM / FISHERS	P=0.214N	P=0.508N	P=0.515N	P=0.258N
MAX-ISO-POLY-3	P=0.435N	P=0.269N	P=0.274N	P=0.267N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Urinary Bladder Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/49 (2%)	1/48 (2%)	0/48 (0%)
POLY-3 RATE (b)	2/40.45	1/43.18	1/42.62	0/17.57
POLY-3 PERCENT (g)	4.9%	2.3%	2.4%	0%
TERMINAL (d)	1/29 (3%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	606	614	581	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.347N	P=0.477N	P=0.482N	P=0.443N
POLY 1.5	P=0.290N	P=0.486N	P=0.492N	P=0.344N
POLY 6	P=0.482N	P=0.466N	P=0.468N	P=0.588N
COCH-ARM / FISHERS	P=0.214N	P=0.508N	P=0.515N	P=0.258N
MAX-ISO-POLY-3	P=0.431N	P=0.269N	P=0.272N	P=0.264N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Urinary Bladder Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/49 (6%)	3/48 (6%)	0/48 (0%)
POLY-3 RATE (b)	1/40.47	3/43.99	3/43.16	0/17.57
POLY-3 PERCENT (g)	2.5%	6.8%	7%	0%
TERMINAL (d)	0/29 (0%)	0/33 (0%)	0/31 (0%)	0/0 (0%)
FIRST INCIDENCE	600	603	581	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.496N	P=0.336	P=0.328	P=0.645N
POLY 1.5	P=0.332N	P=0.323	P=0.315	P=0.583N
POLY 6	P=0.523	P=0.352	P=0.347	P=0.717N
COCH-ARM / FISHERS	P=0.181N	P=0.301	P=0.293	P=0.510N
MAX-ISO-POLY-3	P=0.479N	P=0.186	P=0.180	P=0.330N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Accessory Adrenal Cortical Nodule</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	5/50 (10%)	1/49 (2%)	3/47 (6%)
POLY-3 RATE (b)	5/44.19	5/44.71	1/44.67	3/20.72
POLY-3 PERCENT (g)	11.3%	11.2%	2.2%	14.5%
TERMINAL (d)	3/33 (9%)	3/35 (9%)	1/36 (3%)	0/0 (0%)
FIRST INCIDENCE	579	684	729 (T)	459
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.452N	P=0.623N	P=0.098N	P=0.515
POLY 1.5	P=0.422N	P=0.620N	P=0.101N	P=0.584N
POLY 6	P=0.380N	P=0.625N	P=0.096N	P=0.265
COCH-ARM / FISHERS	P=0.309N	P=0.630N	P=0.107N	P=0.393N
MAX-ISO-POLY-3	P=0.481	P=0.491N	P=0.044N*	P=0.398

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex Degeneration Fatty</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	3/49 (6%)	0/47 (0%)
POLY-3 RATE (b)	3/43.26	2/44.47	3/44.67	0/18.79
POLY-3 PERCENT (g)	6.9%	4.5%	6.7%	0%
TERMINAL (d)	3/33 (9%)	2/35 (6%)	3/36 (8%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.363N	P=0.487N	P=0.648N	P=0.324N
POLY 1.5	P=0.236N	P=0.488N	P=0.656N	P=0.213N
POLY 6	P=0.617N	P=0.485N	P=0.637N	P=0.510N
COCH-ARM / FISHERS	P=0.125N	P=0.500N	P=0.651	P=0.133N
MAX-ISO-POLY-3	P=0.404N	P=0.315N	P=0.483N	P=0.217N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/49 (4%)	1/47 (2%)
POLY-3 RATE (b)	0/43.26	2/44.92	2/45.72	1/19.39
POLY-3 PERCENT (g)	0%	4.5%	4.4%	5.2%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/36 (0%)	0/0 (0%)
FIRST INCIDENCE	---	618	563	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.324	P=0.246	P=0.250	P=0.358
POLY 1.5	P=0.467	P=0.244	P=0.243	P=0.420
POLY 6	P=0.278	P=0.248	P=0.258	P=0.286
COCH-ARM / FISHERS	P=0.635	P=0.247	P=0.242	P=0.485
MAX-ISO-POLY-3	P=0.417	P=0.084	P=0.089	P=0.152

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	2/47 (4%)
POLY-3 RATE (b)	1/43.26	0/44.47	0/44.67	2/20.23
POLY-3 PERCENT (g)	2.3%	0%	0%	9.9%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	0/36 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.110	P=0.494N	P=0.494N	P=0.270
POLY 1.5	P=0.120	P=0.495N	P=0.497N	P=0.367
POLY 6	P=0.288	P=0.493N	P=0.489N	P=0.167
COCH-ARM / FISHERS	P=0.159	P=0.500N	P=0.505N	P=0.477
MAX-ISO-POLY-3	P=0.097	P=0.158N	P=0.160N	P=0.178



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	4/49 (8%)	0/47 (0%)
POLY-3 RATE (b)	1/43.26	0/44.47	4/44.67	0/18.79
POLY-3 PERCENT (g)	2.3%	0%	9%	0%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	4/36 (11%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.306	P=0.494N	P=0.188	P=0.645N
POLY 1.5	P=0.585	P=0.495N	P=0.183	P=0.582N
POLY 6	P=0.072	P=0.493N	P=0.195	P=0.717N
COCH-ARM / FISHERS	P=0.472N	P=0.500N	P=0.175	P=0.515N
MAX-ISO-POLY-3	P=0.422	P=0.158N	P=0.094	P=0.329N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Hypertrophy Diffuse</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	4/49 (8%)	8/47 (17%)
POLY-3 RATE (b)	0/43.26	0/44.47	4/45.12	8/23.84
POLY-3 PERCENT (g)	0%	0%	8.9%	33.6%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	3/36 (8%)	0/0 (0%)
FIRST INCIDENCE	---	---	598	432
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.066	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.063	P<0.001**
POLY 6	P<0.001**	(e)	P=0.069	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.056	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.024*	P<0.001**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex</b>				
<b>Hypertrophy Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	7/50 (14%)	4/50 (8%)	9/49 (18%)	2/47 (4%)
<b>POLY-3 RATE (b)</b>	7/43.73	4/44.47	9/44.67	2/19.97
<b>POLY-3 PERCENT (g)</b>	16%	9%	20.2%	10%
<b>TERMINAL (d)</b>	6/33 (18%)	4/35 (11%)	9/36 (25%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	589	729 (T)	729 (T)	542
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.470	P=0.250N	P=0.410	P=0.413N
<b>POLY 1.5</b>	P=0.376N	P=0.250N	P=0.398	P=0.221N
<b>POLY 6</b>	P=0.198	P=0.250N	P=0.423	P=0.538
<b>COCH-ARM / FISHERS</b>	P=0.137N	P=0.262N	P=0.376	P=0.095N
<b>MAX-ISO-POLY-3</b>	P=0.546N	P=0.162N	P=0.310	P=0.329N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Adrenal Cortex: Capsule Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	49/50 (98%)	50/50 (100%)	47/49 (96%)	47/47 (100%)
POLY-3 RATE (b)	49/49.00	50/50.00	47/48.00	47/47.00
POLY-3 PERCENT (g)	100%	100%	97.9%	100%
TERMINAL (d)	33/33 (100%)	35/35 (100%)	35/36 (97%)	0/0 (0%)
FIRST INCIDENCE	340	421	535	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.793	P=1.000	P=0.496N	P=1.000
POLY 1.5	P=0.793	P=1.000	P=0.496N	P=1.000
POLY 6	P=0.793	P=0.500	P=0.496N	P=0.515
COCH-ARM / FISHERS	P=0.490	P=0.500	P=0.492N	P=0.515
MAX-ISO-POLY-3	P=0.388N	P=0.161	P=0.158N	P=0.168

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone Marrow: Myeloid Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	3/50 (6%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	1/42.56	3/44.86	1/46.18	0/19.47
POLY-3 PERCENT (g)	2.4%	6.7%	2.2%	0%
TERMINAL (d)	0/33 (0%)	2/35 (6%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	684	618	575	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.260N	P=0.324	P=0.742N	P=0.637N
POLY 1.5	P=0.212N	P=0.323	P=0.747N	P=0.572N
POLY 6	P=0.370N	P=0.326	P=0.737N	P=0.712N
COCH-ARM / FISHERS	P=0.151N	P=0.316	P=0.747N	P=0.500N
MAX-ISO-POLY-3	P=0.422N	P=0.173	P=0.476N	P=0.323N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone</b>				
<b>Fibro-osseous Lesion</b>				
<b>LESION RATES</b>				
OVERALL (a)	43/49 (88%)	46/50 (92%)	49/50 (98%)	43/50 (86%)
POLY-3 RATE (b)	43/46.89	46/48.56	49/49.49	43/45.56
POLY-3 PERCENT (g)	91.7%	94.7%	99%	94.4%
TERMINAL (d)	32/33 (97%)	34/35 (97%)	37/37 (100%)	0/0 (0%)
FIRST INCIDENCE	340	421	3	366
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.510	P=0.419	P=0.081	P=0.453
POLY 1.5	P=0.478N	P=0.439	P=0.084	P=0.633
POLY 6	P=0.228	P=0.415	P=0.089	P=0.242
COCH-ARM / FISHERS	P=0.259N	P=0.357	P=0.053	P=0.516N
MAX-ISO-POLY-3	P=0.152	P=0.258	P=0.028*	P=0.274

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone: Tail Callus</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/42.51	0/44.47	2/46.44	1/20.39
POLY-3 PERCENT (g)	2.4%	0%	4.3%	4.9%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	697	---	535	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.234	P=0.491N	P=0.531	P=0.579
POLY 1.5	P=0.370	P=0.491N	P=0.522	P=0.679
POLY 6	P=0.188	P=0.491N	P=0.541	P=0.433
COCH-ARM / FISHERS	P=0.543	P=0.495N	P=0.508	P=0.747N
MAX-ISO-POLY-3	P=0.383	P=0.157N	P=0.313	P=0.354

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

**Bone: Tail  
Developmental Malformation**

---

**LESION RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.39	0/44.47	1/45.67	0/19.60
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	---

---

**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Bone: Vertebra Callus</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.39	0/44.47	1/46.12	0/19.60
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	598	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Brain Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	1/43.26	2/44.53	1/45.67	0/19.23
POLY-3 PERCENT (g)	2.3%	4.5%	2.2%	0%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	715	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.351N	P=0.510	P=0.748N	P=0.641N
POLY 1.5	P=0.295N	P=0.509	P=0.753N	P=0.577N
POLY 6	P=0.498N	P=0.512	P=0.743N	P=0.715N
COCH-ARM / FISHERS	P=0.222N	P=0.500	P=0.753N	P=0.505N
MAX-ISO-POLY-3	P=0.510N	P=0.292	P=0.484N	P=0.327N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	1/49 (2%)
POLY-3 RATE (b)	3/43.83	1/44.94	3/46.29	1/19.82
POLY-3 PERCENT (g)	6.9%	2.2%	6.5%	5.1%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	601	590	535	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.501	P=0.296N	P=0.637N	P=0.597N
POLY 1.5	P=0.545N	P=0.297N	P=0.646N	P=0.455N
POLY 6	P=0.408	P=0.295N	P=0.628N	P=0.564
COCH-ARM / FISHERS	P=0.375N	P=0.309N	P=0.661N	P=0.316N
MAX-ISO-POLY-3	P=0.631N	P=0.150N	P=0.472N	P=0.425N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Brain</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	1/43.26	1/44.47	1/45.81	1/19.82
POLY-3 PERCENT (g)	2.3%	2.3%	2.2%	5.1%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	695	542
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Clitoral Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/49 (10%)	13/49 (27%)	8/50 (16%)	18/50 (36%)
POLY-3 RATE (b)	5/42.70	13/45.25	8/46.26	18/30.23
POLY-3 PERCENT (g)	11.7%	28.7%	17.3%	59.5%
TERMINAL (d)	2/32 (6%)	7/34 (21%)	6/37 (16%)	0/0 (0%)
FIRST INCIDENCE	680	575	598	535
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.041*	P=0.329	P<0.001**
POLY 1.5	P<0.001**	P=0.039*	P=0.315	P<0.001**
POLY 6	P<0.001**	P=0.046*	P=0.345	P<0.001**
COCH-ARM / FISHERS	P=0.008**	P=0.033*	P=0.290	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P=0.025*	P=0.237	P<0.001**

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Esophagus</b>				
<b>Inflammation Acute</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	1/46.67	0/19.23
POLY-3 PERCENT (g)	0%	0%	2.1%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	3	---
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Esophagus</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/43.38	0/44.47	0/45.67	0/19.23
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	698	---	---	---
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Esophagus: Muscularis Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	3/49 (6%)
POLY-3 RATE (b)	1/43.76	1/44.47	2/45.67	3/21.00
POLY-3 PERCENT (g)	2.3%	2.3%	4.4%	14.3%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	579	729 (T)	729 (T)	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.053	P=0.757N	P=0.515	P=0.117
POLY 1.5	P=0.091	P=0.756N	P=0.510	P=0.190
POLY 6	P=0.067	P=0.758N	P=0.521	P=0.059
COCH-ARM / FISHERS	P=0.174	P=0.753N	P=0.500	P=0.301
MAX-ISO-POLY-3	P=0.087	P=0.495N	P=0.297	P=0.093



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Harderian Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/49 (4%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/43.60	2/43.47	2/45.81	1/19.82
POLY-3 PERCENT (g)	2.3%	4.6%	4.4%	5.1%
TERMINAL (d)	0/33 (0%)	2/34 (6%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	632	729 (T)	695	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.462	P=0.499	P=0.517	P=0.567
POLY 1.5	P=0.602	P=0.500	P=0.511	P=0.666
POLY 6	P=0.426	P=0.498	P=0.524	P=0.425
COCH-ARM / FISHERS	P=0.511N	P=0.492	P=0.500	P=0.747
MAX-ISO-POLY-3	P=0.588	P=0.280	P=0.299	P=0.347

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	8/50 (16%)	5/50 (10%)	0/49 (0%)
POLY-3 RATE (b)	4/44.15	8/45.33	5/46.12	0/19.23
POLY-3 PERCENT (g)	9.1%	17.7%	10.8%	0%
TERMINAL (d)	3/33 (9%)	6/35 (17%)	4/37 (11%)	0/0 (0%)
FIRST INCIDENCE	340	590	598	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.142N	P=0.189	P=0.527	P=0.244N
POLY 1.5	P=0.055N	P=0.187	P=0.516	P=0.133N
POLY 6	P=0.342N	P=0.195	P=0.544	P=0.456N
COCH-ARM / FISHERS	P=0.013N*	P=0.178	P=0.500	P=0.061N
MAX-ISO-POLY-3	P=0.233N	P=0.119	P=0.390	P=0.182N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Heart Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/43.26	4/45.93	2/45.89	1/19.82
POLY-3 PERCENT (g)	2.3%	8.7%	4.4%	5.1%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	522	677	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.532N	P=0.197	P=0.521	P=0.569
POLY 1.5	P=0.437N	P=0.192	P=0.513	P=0.668
POLY 6	P=0.627	P=0.205	P=0.530	P=0.427
COCH-ARM / FISHERS	P=0.306N	P=0.181	P=0.500	P=0.747
MAX-ISO-POLY-3	P=0.544	P=0.101	P=0.303	P=0.347

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	3/48 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/43.43	3/43.99	2/45.67	1/20.25
POLY-3 PERCENT (g)	6.9%	6.8%	4.4%	4.9%
TERMINAL (d)	2/33 (6%)	1/35 (3%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	684	568	729 (T)	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.407N	P=0.657N	P=0.477N	P=0.587N
POLY 1.5	P=0.323N	P=0.662	P=0.485N	P=0.445N
POLY 6	P=0.498N	P=0.648N	P=0.468N	P=0.571
COCH-ARM / FISHERS	P=0.204N	P=0.641	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.632N	P=0.493N	P=0.308N	P=0.417N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney</b>				
<b>Infarct</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	1/48 (2%)
POLY-3 RATE (b)	0/43.26	0/44.47	1/45.28	1/19.69
POLY-3 PERCENT (g)	0%	0%	2.2%	5.1%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	542
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	38/50 (76%)	44/50 (88%)	43/49 (88%)	45/48 (94%)
POLY-3 RATE (b)	38/46.09	44/48.54	43/47.67	45/46.14
POLY-3 PERCENT (g)	82.4%	90.7%	90.2%	97.5%
TERMINAL (d)	29/33 (88%)	32/35 (91%)	34/37 (92%)	0/0 (0%)
FIRST INCIDENCE	438	421	563	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.023*	P=0.175	P=0.201	P=0.009**
POLY 1.5	P=0.030*	P=0.157	P=0.150	P=0.013*
POLY 6	P=0.019*	P=0.209	P=0.279	P=0.008**
COCH-ARM / FISHERS	P=0.036*	P=0.096	P=0.104	P=0.014*
MAX-ISO-POLY-3	P=0.008**	P=0.109	P=0.129	P=0.003**

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney</b>				
<b>Metaplasia Osseous</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	1/48 (2%)
POLY-3 RATE (b)	0/43.26	0/44.47	1/45.82	1/19.69
POLY-3 PERCENT (g)	0%	0%	2.2%	5.1%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	563	542
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	5/50 (10%)	5/49 (10%)	1/48 (2%)
POLY-3 RATE (b)	7/44.50	5/44.53	5/45.61	1/19.69
POLY-3 PERCENT (g)	15.7%	11.2%	11%	5.1%
TERMINAL (d)	3/33 (9%)	4/35 (11%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	601	715	677	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.228N	P=0.378N	P=0.362N	P=0.247N
POLY 1.5	P=0.119N	P=0.371N	P=0.372N	P=0.104N
POLY 6	P=0.394N	P=0.388N	P=0.352N	P=0.543N
COCH-ARM / FISHERS	P=0.038N*	P=0.380N	P=0.394N	P=0.034N*
MAX-ISO-POLY-3	P=0.369N	P=0.268N	P=0.258N	P=0.209N



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/50 (28%)	9/50 (18%)	9/49 (18%)	3/48 (6%)
POLY-3 RATE (b)	14/44.43	9/44.53	9/45.44	3/20.87
POLY-3 PERCENT (g)	31.5%	20.2%	19.8%	14.4%
TERMINAL (d)	12/33 (36%)	8/35 (23%)	8/37 (22%)	0/0 (0%)
FIRST INCIDENCE	340	715	688	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.152N	P=0.163N	P=0.150N	P=0.142N
POLY 1.5	P=0.055N	P=0.162N	P=0.164N	P=0.030N*
POLY 6	P=0.303N	P=0.161N	P=0.133N	P=0.537N
COCH-ARM / FISHERS	P=0.009N**	P=0.171N	P=0.185N	P=0.004N**
MAX-ISO-POLY-3	P=0.251N	P=0.110N	P=0.104N	P=0.145N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Interstitium Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	2/48 (4%)
POLY-3 RATE (b)	1/43.43	0/44.47	0/45.28	2/20.28
POLY-3 PERCENT (g)	2.3%	0%	0%	9.9%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	683	---	---	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.116	P=0.495N	P=0.492N	P=0.270
POLY 1.5	P=0.123	P=0.495N	P=0.496N	P=0.370
POLY 6	P=0.309	P=0.495N	P=0.487N	P=0.166
COCH-ARM / FISHERS	P=0.164	P=0.500N	P=0.505N	P=0.485
MAX-ISO-POLY-3	P=0.099	P=0.158N	P=0.160N	P=0.179

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Kidney: Papilla  
Inflammation Acute

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.28	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Papilla Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/43.26	2/44.47	0/45.28	0/19.10
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/33 (0%)	2/35 (6%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.327N	P=0.243	(e)	(e)
POLY 1.5	P=0.343N	P=0.243	(e)	(e)
POLY 6	P=0.389N	P=0.244	(e)	(e)
COCH-ARM / FISHERS	P=0.334N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.522N	P=0.082	(e)	(e)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	1/48 (2%)
POLY-3 RATE (b)	2/43.99	1/44.77	0/45.28	1/19.85
POLY-3 PERCENT (g)	4.6%	2.2%	0%	5%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	593	647	---	459
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.539N	P=0.494N	P=0.231N	P=0.684
POLY 1.5	P=0.572N	P=0.493N	P=0.235N	P=0.634N
POLY 6	P=0.464N	P=0.494N	P=0.227N	P=0.506
COCH-ARM / FISHERS	P=0.538N	P=0.500N	P=0.253N	P=0.515N
MAX-ISO-POLY-3	P=0.529N	P=0.277N	P=0.077N	P=0.476

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	1/48 (2%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.28	1/19.69
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	542
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/49 (2%)	0/48 (0%)
POLY-3 RATE (b)	0/43.26	1/45.10	1/45.79	0/19.10
POLY-3 PERCENT (g)	0%	2.2%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	522	575	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	31/50 (62%)	23/50 (46%)	34/49 (69%)	43/48 (90%)
POLY-3 RATE (b)	31/46.37	23/47.42	34/47.53	43/45.06
POLY-3 PERCENT (g)	66.9%	48.5%	71.5%	95.4%
TERMINAL (d)	22/33 (67%)	15/35 (43%)	25/37 (68%)	0/0 (0%)
FIRST INCIDENCE	438	473	563	432
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.052N	P=0.394	P<0.001**
POLY 1.5	P<0.001**	P=0.055N	P=0.351	P<0.001**
POLY 6	P<0.001**	P=0.047N*	P=0.446	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.080N	P=0.287	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.034N*	P=0.313	P<0.001**



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Kidney: Renal Tubule Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.28	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/49 (2%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	1/43.60	1/43.68	1/45.67	2/20.86
POLY-3 PERCENT (g)	2.3%	2.3%	2.2%	9.6%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	632	729 (T)	729 (T)	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.190	P=0.760N	P=0.750N	P=0.276
POLY 1.5	P=0.250	P=0.760N	P=0.754N	P=0.377
POLY 6	P=0.273	P=0.760N	P=0.746N	P=0.170
COCH-ARM / FISHERS	P=0.356	P=0.747	P=0.753N	P=0.492
MAX-ISO-POLY-3	P=0.267	P=0.499N	P=0.486N	P=0.182

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/50 (0%)	3/49 (6%)	2/50 (4%)	2/49 (4%)
<b>POLY-3 RATE (b)</b>	0/43.26	3/44.02	2/45.67	2/20.65
<b>POLY-3 PERCENT (g)</b>	0%	6.8%	4.4%	9.7%
<b>TERMINAL (d)</b>	0/33 (0%)	2/35 (6%)	2/37 (5%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	634	729 (T)	542
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.224	P=0.122	P=0.249	P=0.120
<b>POLY 1.5</b>	P=0.332	P=0.121	P=0.245	P=0.166
<b>POLY 6</b>	P=0.229	P=0.124	P=0.255	P=0.079
<b>COCH-ARM / FISHERS</b>	P=0.490	P=0.117	P=0.247	P=0.242
<b>MAX-ISO-POLY-3</b>	P=0.223	P=0.041*	P=0.088	P=0.071

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/49 (4%)	16/50 (32%)	15/49 (31%)
POLY-3 RATE (b)	3/43.88	2/43.68	16/46.12	15/28.38
POLY-3 PERCENT (g)	6.8%	4.6%	34.7%	52.9%
TERMINAL (d)	1/33 (3%)	2/35 (6%)	15/37 (41%)	0/0 (0%)
FIRST INCIDENCE	579	729 (T)	598	515
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.502N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.501N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.503N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.510N	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.326N	P<0.001**	P<0.001**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Fatty Change</b>				
<b>LESION RATES</b>				
OVERALL (a)	18/50 (36%)	18/49 (37%)	39/50 (78%)	20/49 (41%)
POLY-3 RATE (b)	18/46.69	18/45.89	39/48.56	20/31.25
POLY-3 PERCENT (g)	38.6%	39.2%	80.3%	64%
TERMINAL (d)	11/33 (33%)	13/35 (37%)	30/37 (81%)	0/0 (0%)
FIRST INCIDENCE	340	421	535	542
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.559	P<0.001**	P=0.021*
POLY 1.5	P=0.042*	P=0.567	P<0.001**	P=0.117
POLY 6	P<0.001**	P=0.552	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.433	P=0.553	P<0.001**	P=0.387
MAX-ISO-POLY-3	P=0.002**	P=0.472	P<0.001**	P=0.026*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Liver  
Hematopoietic Cell Proliferation

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**LESION RATES**

OVERALL (a)	13/50 (26%)	15/49 (31%)	8/50 (16%)	13/49 (27%)
POLY-3 RATE (b)	13/44.34	15/45.08	8/46.86	13/27.35
POLY-3 PERCENT (g)	29.3%	33.3%	17.1%	47.5%
TERMINAL (d)	10/33 (30%)	11/35 (31%)	5/37 (14%)	0/0 (0%)
FIRST INCIDENCE	438	575	563	432

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**STATISTICAL TESTS**

POLY 3	P=0.197	P=0.431	P=0.126N	P=0.097
POLY 1.5	P=0.348	P=0.421	P=0.140N	P=0.287
POLY 6	P=0.122	P=0.453	P=0.110N	P=0.010**
COCH-ARM / FISHERS	P=0.500N	P=0.387	P=0.163N	P=0.567
MAX-ISO-POLY-3	P=0.123	P=0.345	P=0.087N	P=0.098

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
Liver Hemorrhage				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	1/49 (2%)	4/50 (8%)	5/49 (10%)
POLY-3 RATE (b)	4/43.26	1/43.68	4/45.67	5/22.42
POLY-3 PERCENT (g)	9.3%	2.3%	8.8%	22.3%
TERMINAL (d)	4/33 (12%)	1/35 (3%)	4/37 (11%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.041*	P=0.175N	P=0.613N	P=0.160
POLY 1.5	P=0.084	P=0.177N	P=0.624N	P=0.301
POLY 6	P=0.034*	P=0.172N	P=0.600N	P=0.051
COCH-ARM / FISHERS	P=0.194	P=0.187N	P=0.643N	P=0.487
MAX-ISO-POLY-3	P=0.067	P=0.083N	P=0.468N	P=0.142

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	32/50 (64%)	33/49 (67%)	34/50 (68%)	32/49 (65%)
POLY-3 RATE (b)	32/44.82	33/45.82	34/46.86	32/38.46
POLY-3 PERCENT (g)	71.4%	72%	72.6%	83.2%
TERMINAL (d)	25/33 (76%)	26/35 (74%)	28/37 (76%)	0/0 (0%)
FIRST INCIDENCE	589	473	598	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.106	P=0.569	P=0.545	P=0.126
POLY 1.5	P=0.284	P=0.544	P=0.497	P=0.319
POLY 6	P=0.021*	P=0.600N	P=0.595	P=0.019*
COCH-ARM / FISHERS	P=0.533N	P=0.445	P=0.417	P=0.530
MAX-ISO-POLY-3	P=0.175	P=0.472	P=0.449	P=0.089



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/43.26	2/43.68	0/45.67	1/20.06
POLY-3 PERCENT (g)	0%	4.6%	0%	5%
TERMINAL (d)	0/33 (0%)	2/35 (6%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.545	P=0.239	(e)	P=0.364
POLY 1.5	P=0.583	P=0.239	(e)	P=0.427
POLY 6	P=0.678N	P=0.241	(e)	P=0.289
COCH-ARM / FISHERS	P=0.659	P=0.242	(e)	P=0.495
MAX-ISO-POLY-3	P=0.334	P=0.079	(e)	P=0.155

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Necrosis Focal</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/49 (2%)	4/50 (8%)	3/49 (6%)
POLY-3 RATE (b)	1/43.26	1/43.68	4/45.81	3/21.26
POLY-3 PERCENT (g)	2.3%	2.3%	8.7%	14.1%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	695	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.037*	P=0.759N	P=0.196	P=0.120
POLY 1.5	P=0.095	P=0.759N	P=0.190	P=0.193
POLY 6	P=0.020*	P=0.757N	P=0.205	P=0.060
COCH-ARM / FISHERS	P=0.221	P=0.747	P=0.181	P=0.301
MAX-ISO-POLY-3	P=0.062	P=0.496N	P=0.100	P=0.094

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver</b>				
<b>Tension Lipidosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/49 (4%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	3/43.60	2/43.83	2/45.67	0/19.47
POLY-3 PERCENT (g)	6.9%	4.6%	4.4%	0%
TERMINAL (d)	2/33 (6%)	1/35 (3%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	632	690	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.262N	P=0.498N	P=0.479N	P=0.318N
POLY 1.5	P=0.184N	P=0.498N	P=0.486N	P=0.205N
POLY 6	P=0.426N	P=0.495N	P=0.471N	P=0.508N
COCH-ARM / FISHERS	P=0.105N	P=0.510N	P=0.500N	P=0.125N
MAX-ISO-POLY-3	P=0.379N	P=0.323N	P=0.309N	P=0.213N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<hr/>				
Liver: Centrilobular Necrosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/43.26	0/43.68	2/46.01	0/19.47
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	677	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.340	(e)	P=0.251	(e)
POLY 1.5	P=0.577	(e)	P=0.246	(e)
POLY 6	P=0.143	(e)	P=0.258	(e)
COCH-ARM / FISHERS	P=0.695N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.441	(e)	P=0.090	(e)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver: Hepatocyte, Centrilobular Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	7/49 (14%)	45/50 (90%)	47/49 (96%)
POLY-3 RATE (b)	0/43.26	7/43.91	45/48.20	47/47.62
POLY-3 PERCENT (g)	0%	15.9%	93.4%	98.7%
TERMINAL (d)	0/33 (0%)	5/35 (14%)	35/37 (95%)	0/0 (0%)
FIRST INCIDENCE	---	684	563	432
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.008**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.006**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.003**	P<0.001**	P<0.001**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Liver: Kupffer Cell Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	10/49 (20%)	24/50 (48%)	27/49 (55%)
POLY-3 RATE (b)	3/43.39	10/44.49	24/46.35	27/35.67
POLY-3 PERCENT (g)	6.9%	22.5%	51.8%	75.7%
TERMINAL (d)	2/33 (6%)	6/35 (17%)	22/37 (60%)	0/0 (0%)
FIRST INCIDENCE	696	575	563	432
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.037*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.036*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.040*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.033*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.020*	P<0.001**	P<0.001**

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/43.83	1/44.94	1/45.69	0/19.60
POLY-3 PERCENT (g)	4.6%	2.2%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	601	590	726	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.331N	P=0.491N	P=0.485N	P=0.437N
POLY 1.5	P=0.279N	P=0.492N	P=0.490N	P=0.331N
POLY 6	P=0.468N	P=0.490N	P=0.481N	P=0.585N
COCH-ARM / FISHERS	P=0.207N	P=0.500N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.425N	P=0.275N	P=0.272N	P=0.261N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	12/50 (24%)	3/50 (6%)	1/50 (2%)	7/50 (14%)
POLY-3 RATE (b)	12/45.16	3/44.68	1/45.67	7/23.78
POLY-3 PERCENT (g)	26.6%	6.7%	2.2%	29.4%
TERMINAL (d)	8/33 (24%)	2/35 (6%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	340	674	729 (T)	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.411	P=0.011N*	P<0.001N**	P=0.512
POLY 1.5	P=0.469	P=0.010N**	P<0.001N**	P=0.403N
POLY 6	P=0.552	P=0.011N*	P<0.001N**	P=0.161
COCH-ARM / FISHERS	P=0.520N	P=0.011N*	P<0.001N**	P=0.154N
MAX-ISO-POLY-3	P=0.133	P=0.005N**	P<0.001N**	P=0.423



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung</b>				
<b>Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	4/44.50	2/45.39	2/45.67	1/20.25
POLY-3 PERCENT (g)	9%	4.4%	4.4%	4.9%
TERMINAL (d)	2/33 (6%)	0/35 (0%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	340	568	729 (T)	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.402N	P=0.328N	P=0.325N	P=0.478N
POLY 1.5	P=0.322N	P=0.329N	P=0.330N	P=0.316N
POLY 6	P=0.487N	P=0.324N	P=0.318N	P=0.611
COCH-ARM / FISHERS	P=0.203N	P=0.339N	P=0.339N	P=0.181N
MAX-ISO-POLY-3	P=0.526N	P=0.196N	P=0.194N	P=0.350N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	1/46.67	0/19.60
POLY-3 PERCENT (g)	0%	0%	2.1%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	3	---
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/43.39	0/44.47	0/45.67	2/20.78
POLY-3 PERCENT (g)	4.6%	0%	0%	9.6%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	696	---	---	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.260	P=0.232N	P=0.226N	P=0.421
POLY 1.5	P=0.272	P=0.232N	P=0.230N	P=0.559
POLY 6	P=0.503	P=0.231N	P=0.221N	P=0.254
COCH-ARM / FISHERS	P=0.344	P=0.247N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.184	P=0.076N	P=0.076N	P=0.296

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	3/43.26	2/44.47	3/45.87	0/19.60
POLY-3 PERCENT (g)	6.9%	4.5%	6.5%	0%
TERMINAL (d)	3/33 (9%)	2/35 (6%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	677	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.352N	P=0.487N	P=0.635N	P=0.314N
POLY 1.5	P=0.224N	P=0.488N	P=0.645N	P=0.201N
POLY 6	P=0.604N	P=0.485N	P=0.622N	P=0.505N
COCH-ARM / FISHERS	P=0.113N	P=0.500N	P=0.661N	P=0.121N
MAX-ISO-POLY-3	P=0.397N	P=0.315N	P=0.470N	P=0.210N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lung Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.43	0/44.47	1/45.67	1/20.19
POLY-3 PERCENT (g)	2.3%	0%	2.2%	5%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	684	---	729 (T)	542
<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)

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Lung: Alveolar Epithelium  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	1/45.67	0/19.60
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	---

---

**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/9 (33%)	6/17 (35%)	4/12 (33%)	0/4 (0%)
POLY-3 RATE (b)	3/8.15	6/15.67	4/11.34	0/1.37
POLY-3 PERCENT (g)	36.8%	38.3%	35.3%	0%
TERMINAL (d)	3/6 (50%)	6/15 (40%)	2/8 (25%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	563	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.434N	P=0.642	P=0.653N	P=0.537N
POLY 1.5	P=0.317N	P=0.630	P=0.663N	P=0.419N
POLY 6	P=0.556N	P=0.666N	P=0.634N	P=0.665N
COCH-ARM / FISHERS	P=0.184N	P=0.635	P=0.676N	P=0.294N
MAX-ISO-POLY-3	P=0.547N	P=0.475	P=0.474N	P=0.331N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
Lymph Node Hemorrhage				
<b>LESION RATES</b>				
OVERALL (a)	3/9 (33%)	5/17 (29%)	3/12 (25%)	0/4 (0%)
POLY-3 RATE (b)	3/8.15	5/15.67	3/11.34	0/1.37
POLY-3 PERCENT (g)	36.8%	31.9%	26.5%	0%
TERMINAL (d)	3/6 (50%)	5/15 (33%)	1/8 (13%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	563	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.360N	P=0.583N	P=0.503N	P=0.537N
POLY 1.5	P=0.283N	P=0.592N	P=0.515N	P=0.419N
POLY 6	P=0.447N	P=0.556N	P=0.483N	P=0.665N
COCH-ARM / FISHERS	P=0.190N	P=0.587N	P=0.523N	P=0.294N
MAX-ISO-POLY-3	P=0.544N	P=0.418N	P=0.332N	P=0.331N



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node</b>				
<b>Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/9 (0%)	2/17 (12%)	0/12 (0%)	1/4 (25%)
<b>POLY-3 RATE (b)</b>	0/8.15	2/16.47	0/10.66	1/1.98
<b>POLY-3 PERCENT (g)</b>	0%	12.1%	0%	50.6%
<b>TERMINAL (d)</b>	0/6 (0%)	1/15 (7%)	0/8 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	421	---	535
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.359	P=0.403	(e)	P=0.233
<b>POLY 1.5</b>	P=0.363	P=0.394	(e)	P=0.270
<b>POLY 6</b>	P=0.455	P=0.417	(e)	P=0.200
<b>COCH-ARM / FISHERS</b>	P=0.394	P=0.418	(e)	P=0.308
<b>MAX-ISO-POLY-3</b>	P=0.134	P=0.195	(e)	P=0.073

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/9 (33%)	5/17 (29%)	5/12 (42%)	0/4 (0%)
POLY-3 RATE (b)	3/8.15	5/15.67	5/10.80	0/1.37
POLY-3 PERCENT (g)	36.8%	31.9%	46.3%	0%
TERMINAL (d)	3/6 (50%)	5/15 (33%)	4/8 (50%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	695	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.542	P=0.583N	P=0.522	P=0.537N
POLY 1.5	P=0.493N	P=0.592N	P=0.521	P=0.419N
POLY 6	P=0.384	P=0.556N	P=0.530	P=0.665N
COCH-ARM / FISHERS	P=0.278N	P=0.587N	P=0.528	P=0.294N
MAX-ISO-POLY-3	P=0.545N	P=0.418N	P=0.351	P=0.331N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mandibular Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	0/50 (0%)	0/50 (0%)	1/45 (2%)
POLY-3 RATE (b)	0/42.28	0/44.47	0/45.67	1/18.56
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	542
<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)

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mandibular Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/48 (6%)	3/50 (6%)	2/50 (4%)	0/45 (0%)
POLY-3 RATE (b)	3/42.63	3/44.47	2/46.12	0/17.97
POLY-3 PERCENT (g)	7%	6.8%	4.3%	0%
TERMINAL (d)	2/33 (6%)	3/35 (9%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	632	729 (T)	598	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.212N	P=0.643N	P=0.464N	P=0.333N
POLY 1.5	P=0.150N	P=0.640N	P=0.471N	P=0.218N
POLY 6	P=0.331N	P=0.645N	P=0.455N	P=0.517N
COCH-ARM / FISHERS	P=0.083N	P=0.641N	P=0.480N	P=0.133N
MAX-ISO-POLY-3	P=0.348N	P=0.478N	P=0.298N	P=0.224N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mandibular Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	36/48 (75%)	39/50 (78%)	41/50 (82%)	38/45 (84%)
POLY-3 RATE (b)	36/45.97	39/47.45	41/48.24	38/40.42
POLY-3 PERCENT (g)	78.3%	82.2%	85%	94%
TERMINAL (d)	26/33 (79%)	30/35 (86%)	31/37 (84%)	0/0 (0%)
FIRST INCIDENCE	438	473	563	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.026*	P=0.414	P=0.280	P=0.025*
POLY 1.5	P=0.067	P=0.458	P=0.273	P=0.077
POLY 6	P=0.010**	P=0.372	P=0.302	P=0.007**
COCH-ARM / FISHERS	P=0.176	P=0.455	P=0.275	P=0.192
MAX-ISO-POLY-3	P=0.035*	P=0.315	P=0.200	P=0.014*

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/48 (2%)	0/45 (0%)	1/49 (2%)	1/48 (2%)
POLY-3 RATE (b)	1/42.15	0/39.98	1/44.89	1/19.69
POLY-3 PERCENT (g)	2.4%	0%	2.2%	5.1%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	340	---	677	542
<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)

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	0/45 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/41.26	0/39.98	0/44.69	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	1/45 (2%)	3/49 (6%)	0/48 (0%)
POLY-3 RATE (b)	0/41.26	1/39.98	3/44.69	0/19.10
POLY-3 PERCENT (g)	0%	2.5%	6.7%	0%
TERMINAL (d)	0/31 (0%)	1/32 (3%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.408	P=0.494	P=0.133	(e)
POLY 1.5	P=0.641N	P=0.493	P=0.129	(e)
POLY 6	P=0.162	P=0.496	P=0.138	(e)
COCH-ARM / FISHERS	P=0.466N	P=0.484	P=0.125	(e)
MAX-ISO-POLY-3	P=0.422	P=0.154	P=0.050*	(e)



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	2/45 (4%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/41.26	2/39.98	0/44.69	0/19.10
POLY-3 PERCENT (g)	0%	5%	0%	0%
TERMINAL (d)	0/31 (0%)	2/32 (6%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.313N	P=0.230	(e)	(e)
POLY 1.5	P=0.330N	P=0.229	(e)	(e)
POLY 6	P=0.372N	P=0.232	(e)	(e)
COCH-ARM / FISHERS	P=0.321N	P=0.231	(e)	(e)
MAX-ISO-POLY-3	P=0.501N	P=0.072	(e)	(e)

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Necrosis Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	0/45 (0%)	0/49 (0%)	2/48 (4%)
POLY-3 RATE (b)	0/41.26	0/39.98	0/44.69	2/20.28
POLY-3 PERCENT (g)	0%	0%	0%	9.9%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.025*	(e)	(e)	P=0.123
POLY 1.5	P=0.028*	(e)	(e)	P=0.171
POLY 6	P=0.113	(e)	(e)	P=0.081
COCH-ARM / FISHERS	P=0.043*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.072

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Lymph Node, Mesenteric Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	0/45 (0%)	0/49 (0%)	2/48 (4%)
POLY-3 RATE (b)	0/41.26	0/39.98	0/44.69	2/20.28
POLY-3 PERCENT (g)	0%	0%	0%	9.9%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.025*	(e)	(e)	P=0.123
POLY 1.5	P=0.028*	(e)	(e)	P=0.171
POLY 6	P=0.113	(e)	(e)	P=0.081
COCH-ARM / FISHERS	P=0.043*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.072

---

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mammary Gland Galactocele</b>				
<b>LESION RATES</b>				
OVERALL (a)	30/50 (60%)	28/50 (56%)	32/50 (64%)	31/50 (62%)
POLY-3 RATE (b)	30/46.56	28/47.01	32/47.01	31/38.01
POLY-3 PERCENT (g)	64.4%	59.6%	68.1%	81.6%
TERMINAL (d)	20/33 (61%)	18/35 (51%)	25/37 (68%)	0/0 (0%)
FIRST INCIDENCE	579	575	563	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.022*	P=0.392N	P=0.438	P=0.051
POLY 1.5	P=0.104	P=0.381N	P=0.440	P=0.210
POLY 6	P=0.002**	P=0.399N	P=0.425	P=0.004**
COCH-ARM / FISHERS	P=0.379	P=0.420N	P=0.418	P=0.500
MAX-ISO-POLY-3	P=0.036*	P=0.313N	P=0.353	P=0.041*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mammary Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	0/50 (0%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	3/43.26	0/44.47	5/45.67	0/19.60
POLY-3 PERCENT (g)	6.9%	0%	11%	0%
TERMINAL (d)	3/33 (9%)	0/35 (0%)	5/37 (14%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.473	P=0.114N	P=0.387	P=0.314N
POLY 1.5	P=0.456N	P=0.114N	P=0.376	P=0.201N
POLY 6	P=0.163	P=0.112N	P=0.400	P=0.505N
COCH-ARM / FISHERS	P=0.234N	P=0.121N	P=0.357	P=0.121N
MAX-ISO-POLY-3	P=0.392N	P=0.038N*	P=0.261	P=0.210N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mammary Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	1/43.26	2/44.47	4/45.67	2/21.08
POLY-3 PERCENT (g)	2.3%	4.5%	8.8%	9.5%
TERMINAL (d)	1/33 (3%)	2/35 (6%)	4/37 (11%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	366
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.159	P=0.510	P=0.195	P=0.281
POLY 1.5	P=0.311	P=0.509	P=0.189	P=0.383
POLY 6	P=0.085	P=0.512	P=0.203	P=0.172
COCH-ARM / FISHERS	P=0.528	P=0.500	P=0.181	P=0.500
MAX-ISO-POLY-3	P=0.261	P=0.291	P=0.099	P=0.185

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Mesentery: Artery</b>				
<b>Inflammation Chronic</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/11 (0%)	0/26 (0%)	0/12 (0%)	0/5 (0%)
POLY-3 RATE (b)	0/10.21	0/23.48	0/10.89	0/1.77
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/20 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Mesentery: Fat  
Necrosis

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**LESION RATES**

OVERALL (a)	10/11 (91%)	22/26 (85%)	12/12 (100%)	3/5 (60%)
POLY-3 RATE (b)	10/10.53	22/24.96	12/12.00	3/3.57
POLY-3 PERCENT (g)	95%	88.1%	100%	84.2%
TERMINAL (d)	8/8 (100%)	18/20 (90%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	680	522	535	535

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**STATISTICAL TESTS**

POLY 3	P=0.689	P=0.496N	P=0.793	P=0.741N
POLY 1.5	P=0.539N	P=0.502N	P=0.625	P=0.442N
POLY 6	P=0.501	P=0.480N	P=0.993	P=0.998N
COCH-ARM / FISHERS	P=0.218N	P=0.528N	P=0.478	P=0.214N
MAX-ISO-POLY-3	P=0.478N	P=0.283N	P=0.158	P=0.243N

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	3/50 (6%)	3/50 (6%)	3/48 (6%)
POLY-3 RATE (b)	4/43.26	3/44.94	3/45.67	3/20.87
POLY-3 PERCENT (g)	9.3%	6.7%	6.6%	14.4%
TERMINAL (d)	4/33 (12%)	2/35 (6%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	590	729 (T)	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.353	P=0.479N	P=0.470N	P=0.433
POLY 1.5	P=0.481	P=0.483N	P=0.481N	P=0.609
POLY 6	P=0.362	P=0.473N	P=0.457N	P=0.218
COCH-ARM / FISHERS	P=0.530N	P=0.500N	P=0.500N	P=0.523N
MAX-ISO-POLY-3	P=0.445	P=0.331N	P=0.325N	P=0.331

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<hr/>				
Nose				
Fungus				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.67	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	6/50 (12%)	4/50 (8%)	10/48 (21%)
POLY-3 RATE (b)	6/43.55	6/45.60	4/45.67	10/25.19
POLY-3 PERCENT (g)	13.8%	13.2%	8.8%	39.7%
TERMINAL (d)	4/33 (12%)	3/35 (9%)	4/37 (11%)	0/0 (0%)
FIRST INCIDENCE	684	421	729 (T)	496
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.014*	P=0.588N	P=0.340N	P=0.017*
POLY 1.5	P=0.031*	P=0.594N	P=0.350N	P=0.064
POLY 6	P=0.011*	P=0.581N	P=0.329N	P=0.002**
COCH-ARM / FISHERS	P=0.089	P=0.620N	P=0.370N	P=0.182
MAX-ISO-POLY-3	P=0.022*	P=0.466N	P=0.233N	P=0.024*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Nose</b>				
<b>Mineralization</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/48 (2%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.67	1/19.69
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	542
<hr/>				
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
Ovary Cyst				
<b>LESION RATES</b>				
OVERALL (a)	13/48 (27%)	13/49 (27%)	6/50 (12%)	7/48 (15%)
POLY-3 RATE (b)	13/42.00	13/44.56	6/45.83	7/23.28
POLY-3 PERCENT (g)	31%	29.2%	13.1%	30.1%
TERMINAL (d)	8/31 (26%)	8/34 (24%)	5/37 (14%)	0/0 (0%)
FIRST INCIDENCE	680	575	688	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.303N	P=0.522N	P=0.036N*	P=0.577N
POLY 1.5	P=0.187N	P=0.529N	P=0.040N*	P=0.290N
POLY 6	P=0.359N	P=0.511N	P=0.032N*	P=0.226
COCH-ARM / FISHERS	P=0.067N	P=0.566N	P=0.051N	P=0.104N
MAX-ISO-POLY-3	P=0.366N	P=0.428N	P=0.023N*	P=0.476N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	8/48 (17%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	6/43.90	8/43.76	5/46.18	0/19.60
POLY-3 PERCENT (g)	13.7%	18.3%	10.8%	0%
TERMINAL (d)	4/33 (12%)	6/35 (17%)	4/37 (11%)	0/0 (0%)
FIRST INCIDENCE	589	618	575	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.075N	P=0.383	P=0.465N	P=0.136N
POLY 1.5	P=0.026N*	P=0.379	P=0.477N	P=0.050N*
POLY 6	P=0.198N	P=0.391	P=0.451N	P=0.371N
COCH-ARM / FISHERS	P=0.005N**	P=0.355	P=0.500N	P=0.013N*
MAX-ISO-POLY-3	P=0.124N	P=0.280	P=0.344N	P=0.122N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas</b>				
<b>Cyst</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/48 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/43.76	3/43.76	3/46.35	0/19.60
POLY-3 PERCENT (g)	2.3%	6.9%	6.5%	0%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	579	618	563	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.470N	P=0.305	P=0.326	P=0.639N
POLY 1.5	P=0.307N	P=0.302	P=0.319	P=0.574N
POLY 6	P=0.528	P=0.310	P=0.336	P=0.714N
COCH-ARM / FISHERS	P=0.168N	P=0.293	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.466N	P=0.156	P=0.176	P=0.327N

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	29/50 (58%)	32/48 (67%)	31/50 (62%)	22/50 (44%)
POLY-3 RATE (b)	29/45.55	32/45.11	31/46.85	22/32.59
POLY-3 PERCENT (g)	63.7%	70.9%	66.2%	67.5%
TERMINAL (d)	24/33 (73%)	27/35 (77%)	26/37 (70%)	0/0 (0%)
FIRST INCIDENCE	438	473	598	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.542	P=0.298	P=0.486	P=0.453
POLY 1.5	P=0.200N	P=0.294	P=0.460	P=0.374N
POLY 6	P=0.149	P=0.314	P=0.527	P=0.075
COCH-ARM / FISHERS	P=0.022N*	P=0.250	P=0.419	P=0.115N
MAX-ISO-POLY-3	P=0.565	P=0.225	P=0.397	P=0.370



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas</b>				
<b>Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/48 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.26	0/43.31	0/45.67	0/19.60
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pancreas Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/48 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.26	1/43.70	0/45.67	1/20.19
POLY-3 PERCENT (g)	2.3%	2.3%	0%	5%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	618	---	542
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Parathyroid Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/44 (5%)	1/48 (2%)	1/47 (2%)	0/47 (0%)
POLY-3 RATE (b)	2/39.21	1/42.47	1/43.20	0/18.42
POLY-3 PERCENT (g)	5.1%	2.4%	2.3%	0%
TERMINAL (d)	2/30 (7%)	1/33 (3%)	0/35 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	726	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.321N	P=0.472N	P=0.466N	P=0.426N
POLY 1.5	P=0.272N	P=0.471N	P=0.473N	P=0.320N
POLY 6	P=0.448N	P=0.472N	P=0.457N	P=0.577N
COCH-ARM / FISHERS	P=0.202N	P=0.467N	P=0.475N	P=0.231N
MAX-ISO-POLY-3	P=0.411N	P=0.260N	P=0.259N	P=0.254N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Peripheral Nerve Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/1 (100%)	0/1 (0%)	1/1 (100%)	0/1 (0%)
POLY-3 RATE (b)	1/1.00	0/0.27	1/1.00	0/0.41
POLY-3 PERCENT (g)	100%	0%	100%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	598	---
<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)

---

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Pituitary Gland: Pars Distalis Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/47 (0%)	1/46 (2%)	0/45 (0%)
POLY-3 RATE (b)	2/43.26	0/43.13	1/43.42	0/17.90
POLY-3 PERCENT (g)	4.6%	0%	2.3%	0%
TERMINAL (d)	2/33 (6%)	0/35 (0%)	0/36 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	563	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.463N	P=0.238N	P=0.499N	P=0.454N
POLY 1.5	P=0.403N	P=0.241N	P=0.511N	P=0.353N
POLY 6	P=0.634N	P=0.233N	P=0.484N	P=0.594N
COCH-ARM / FISHERS	P=0.325N	P=0.263N	P=0.532N	P=0.274N
MAX-ISO-POLY-3	P=0.396N	P=0.079N	P=0.283N	P=0.271N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Pituitary Gland: Pars Distalis  
Hyperplasia

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**LESION RATES**

OVERALL (a)	9/50 (18%)	13/47 (28%)	13/46 (28%)	10/45 (22%)
POLY-3 RATE (b)	9/44.10	13/43.62	13/43.02	10/23.79
POLY-3 PERCENT (g)	20.4%	29.8%	30.2%	42%
TERMINAL (d)	6/33 (18%)	11/35 (31%)	12/36 (33%)	0/0 (0%)
FIRST INCIDENCE	587	634	695	542

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**STATISTICAL TESTS**

POLY 3	P=0.091	P=0.221	P=0.209	P=0.060
POLY 1.5	P=0.254	P=0.213	P=0.194	P=0.180
POLY 6	P=0.025*	P=0.230	P=0.227	P=0.008**
COCH-ARM / FISHERS	P=0.539N	P=0.186	P=0.171	P=0.398
MAX-ISO-POLY-3	P=0.150	P=0.157	P=0.147	P=0.068

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Pituitary Gland: Pars Distalis  
Hyperplasia Focal

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/47 (0%)	0/46 (0%)	0/45 (0%)
POLY-3 RATE (b)	0/43.26	0/43.13	0/42.88	0/17.90
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/36 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Salivary Glands Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/48 (0%)
POLY-3 RATE (b)	1/43.60	0/44.47	1/45.87	0/18.91
POLY-3 PERCENT (g)	2.3%	0%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	632	---	677	---
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Salivary Glands</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	32/50 (64%)	37/50 (74%)	30/50 (60%)	26/48 (54%)
POLY-3 RATE (b)	32/45.02	37/48.90	30/47.09	26/34.28
POLY-3 PERCENT (g)	71.1%	75.7%	63.7%	75.9%
TERMINAL (d)	26/33 (79%)	26/35 (74%)	25/37 (68%)	0/0 (0%)
FIRST INCIDENCE	579	421	563	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.503	P=0.391	P=0.293N	P=0.403
POLY 1.5	P=0.284N	P=0.326	P=0.336N	P=0.480N
POLY 6	P=0.172	P=0.480	P=0.248N	P=0.078
COCH-ARM / FISHERS	P=0.058N	P=0.194	P=0.418N	P=0.216N
MAX-ISO-POLY-3	P=0.498	P=0.310	P=0.225N	P=0.318

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Salivary Glands Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	5/50 (10%)	5/50 (10%)	1/48 (2%)
POLY-3 RATE (b)	1/43.26	5/44.47	5/46.15	1/19.50
POLY-3 PERCENT (g)	2.3%	11.2%	10.8%	5.1%
TERMINAL (d)	1/33 (3%)	5/35 (14%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	656	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.483	P=0.107	P=0.117	P=0.565
POLY 1.5	P=0.461N	P=0.107	P=0.111	P=0.663
POLY 6	P=0.279	P=0.108	P=0.125	P=0.425
COCH-ARM / FISHERS	P=0.249N	P=0.102	P=0.102	P=0.742
MAX-ISO-POLY-3	P=0.419	P=0.050*	P=0.058	P=0.345

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skeletal Muscle Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/3 (0%)	1/4 (25%)	0/1 (0%)
POLY-3 RATE (b)	0/1.65	0/1.83	1/2.99	0/0.41
POLY-3 PERCENT (g)	0%	0%	33.4%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	598	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skeletal Muscle Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/3 (0%)	2/4 (50%)	0/1 (0%)
POLY-3 RATE (b)	0/1.65	0/1.83	2/3.19	0/0.41
POLY-3 PERCENT (g)	0%	0%	62.7%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	598	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.364	(e)	P=0.354	(e)
POLY 1.5	P=0.566	(e)	P=0.369	(e)
POLY 6	P=0.168	(e)	P=0.332	(e)
COCH-ARM / FISHERS	P=0.715	(e)	P=0.400	(e)
MAX-ISO-POLY-3	P=0.526	(e)	P=0.109	(e)

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skeletal Muscle Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/3 (0%)	1/4 (25%)	0/1 (0%)
POLY-3 RATE (b)	0/1.65	0/1.83	1/2.99	0/0.41
POLY-3 PERCENT (g)	0%	0%	33.4%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	598	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
Cyst Epithelial Inclusion				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.28	0/44.47	0/45.67	0/19.60
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	340	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.266N	P=0.236N	P=0.230N	P=0.440N
POLY 1.5	P=0.294N	P=0.235N	P=0.233N	P=0.334N
POLY 6	P=0.291N	P=0.236N	P=0.226N	P=0.586N
COCH-ARM / FISHERS	P=0.289N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.304N	P=0.076N	P=0.076N	P=0.263N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Edema</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.26	2/44.47	1/45.83	0/19.60
POLY-3 PERCENT (g)	0%	4.5%	2.2%	0%
TERMINAL (d)	0/33 (0%)	2/35 (6%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	688	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.492N	P=0.243	P=0.512	(e)
POLY 1.5	P=0.420N	P=0.243	P=0.507	(e)
POLY 6	P=0.686N	P=0.244	P=0.517	(e)
COCH-ARM / FISHERS	P=0.339N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.526	P=0.082	P=0.173	(e)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/43.44	0/44.47	2/45.83	0/19.60
POLY-3 PERCENT (g)	2.3%	0%	4.4%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	680	---	688	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.534	P=0.495N	P=0.519	P=0.638N
POLY 1.5	P=0.609N	P=0.495N	P=0.512	P=0.573N
POLY 6	P=0.350	P=0.495N	P=0.527	P=0.713N
COCH-ARM / FISHERS	P=0.473N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.561N	P=0.158N	P=0.301	P=0.325N



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.38	2/45.35	0/45.67	0/19.60
POLY-3 PERCENT (g)	2.3%	4.4%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	697	473	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.213N	P=0.515	P=0.490N	P=0.638N
POLY 1.5	P=0.219N	P=0.512	P=0.493N	P=0.573N
POLY 6	P=0.236N	P=0.519	P=0.486N	P=0.713N
COCH-ARM / FISHERS	P=0.198N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.350N	P=0.297	P=0.158N	P=0.325N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Hyperkeratosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.44	1/45.28	0/45.67	0/19.60
POLY-3 PERCENT (g)	2.3%	2.2%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	680	421	---	---
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/43.62	4/45.70	3/45.97	0/19.60
POLY-3 PERCENT (g)	4.6%	8.8%	6.5%	0%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	680	473	688	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.304N	P=0.359	P=0.524	P=0.436N
POLY 1.5	P=0.181N	P=0.355	P=0.515	P=0.331N
POLY 6	P=0.545N	P=0.364	P=0.534	P=0.585N
COCH-ARM / FISHERS	P=0.085N	P=0.339	P=0.500	P=0.247N
MAX-ISO-POLY-3	P=0.425N	P=0.223	P=0.348	P=0.260N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	10/50 (20%)	13/50 (26%)	10/50 (20%)
POLY-3 RATE (b)	8/43.51	10/44.64	13/46.42	10/25.51
POLY-3 PERCENT (g)	18.4%	22.4%	28%	39.2%
TERMINAL (d)	6/33 (18%)	9/35 (26%)	10/37 (27%)	0/0 (0%)
FIRST INCIDENCE	696	684	598	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.051	P=0.420	P=0.203	P=0.058
POLY 1.5	P=0.167	P=0.419	P=0.187	P=0.177
POLY 6	P=0.012*	P=0.422	P=0.224	P=0.007**
COCH-ARM / FISHERS	P=0.462	P=0.398	P=0.163	P=0.398
MAX-ISO-POLY-3	P=0.083	P=0.322	P=0.147	P=0.065

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Mineralization</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.26	2/44.53	2/45.85	1/20.19
POLY-3 PERCENT (g)	0%	4.5%	4.4%	5%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	715	688	542
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.333	P=0.244	P=0.250	P=0.365
POLY 1.5	P=0.482	P=0.243	P=0.245	P=0.429
POLY 6	P=0.280	P=0.245	P=0.257	P=0.290
COCH-ARM / FISHERS	P=0.652N	P=0.247	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.423	P=0.082	P=0.089	P=0.157

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	4/50 (8%)	6/50 (12%)	0/50 (0%)
POLY-3 RATE (b)	4/43.74	4/44.97	6/46.26	0/19.60
POLY-3 PERCENT (g)	9.1%	8.9%	13%	0%
TERMINAL (d)	1/33 (3%)	2/35 (6%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	680	634	688	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.372N	P=0.628N	P=0.405	P=0.237N
POLY 1.5	P=0.169N	P=0.629N	P=0.392	P=0.127N
POLY 6	P=0.460	P=0.626N	P=0.421	P=0.453N
COCH-ARM / FISHERS	P=0.050N*	P=0.643N	P=0.370	P=0.059N
MAX-ISO-POLY-3	P=0.345N	P=0.483N	P=0.289	P=0.176N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Skin: Lip  
Inflammation Acute

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.67	0/19.60
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin: Lip</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.26	2/44.54	0/45.67	0/19.60
POLY-3 PERCENT (g)	2.3%	4.5%	0%	0%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	712	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.212N	P=0.510	P=0.489N	P=0.638N
POLY 1.5	P=0.219N	P=0.509	P=0.493N	P=0.573N
POLY 6	P=0.232N	P=0.513	P=0.484N	P=0.713N
COCH-ARM / FISHERS	P=0.198N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.348N	P=0.292	P=0.158N	P=0.324N



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Skin: Prepuce  
Inflammation Acute

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.67	0/19.60
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

---

Skin: Tail, Epidermis  
Hyperkeratosis

---

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/43.43	0/44.47	2/45.99	0/19.60
POLY-3 PERCENT (g)	2.3%	0%	4.4%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	684	---	688	---

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**STATISTICAL TESTS**

POLY 3	P=0.534	P=0.495N	P=0.520	P=0.638N
POLY 1.5	P=0.609N	P=0.495N	P=0.513	P=0.573N
POLY 6	P=0.351	P=0.495N	P=0.529	P=0.713N
COCH-ARM / FISHERS	P=0.473N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.561N	P=0.158N	P=0.302	P=0.325N

---

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Skin: Tail, Epidermis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/43.44	4/44.81	3/45.95	0/19.60
POLY-3 PERCENT (g)	2.3%	8.9%	6.5%	0%
TERMINAL (d)	0/33 (0%)	3/35 (9%)	2/37 (5%)	0/0 (0%)
FIRST INCIDENCE	680	634	656	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.386N	P=0.188	P=0.326	P=0.638N
POLY 1.5	P=0.241N	P=0.187	P=0.318	P=0.573N
POLY 6	P=0.616	P=0.190	P=0.334	P=0.713N
COCH-ARM / FISHERS	P=0.124N	P=0.181	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.443N	P=0.092	P=0.175	P=0.325N

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spinal Cord Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/1 (0%)	0/1 (0%)	2/3 (67%)	0/1 (0%)
POLY-3 RATE (b)	0/1.00	0/0.27	2/2.55	0/0.41
POLY-3 PERCENT (g)	0%	0%	78.4%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	677	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.565	(e)	P=0.433	(e)
POLY 1.5	P=0.739	(e)	P=0.468	(e)
POLY 6	P=0.265	(e)	P=0.359	(e)
COCH-ARM / FISHERS	P=0.790N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.530	(e)	P=0.099	(e)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/50 (30%)	10/47 (21%)	11/48 (23%)	24/48 (50%)
POLY-3 RATE (b)	15/44.64	10/44.04	11/46.03	24/33.77
POLY-3 PERCENT (g)	33.6%	22.7%	23.9%	71.1%
TERMINAL (d)	8/33 (24%)	4/35 (11%)	5/36 (14%)	0/0 (0%)
FIRST INCIDENCE	589	568	563	432
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.182N	P=0.215N	P<0.001**
POLY 1.5	P<0.001**	P=0.193N	P=0.240N	P=0.005**
POLY 6	P<0.001**	P=0.168N	P=0.191N	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P=0.227N	P=0.286N	P=0.034*
MAX-ISO-POLY-3	P<0.001**	P=0.129N	P=0.160N	P<0.001**

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	35/50 (70%)	26/47 (55%)	28/48 (58%)	31/48 (65%)
POLY-3 RATE (b)	35/46.29	26/43.74	28/45.33	31/37.51
POLY-3 PERCENT (g)	75.6%	59.4%	61.8%	82.6%
TERMINAL (d)	27/33 (82%)	22/35 (63%)	24/36 (67%)	0/0 (0%)
FIRST INCIDENCE	438	473	598	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.074	P=0.071N	P=0.108N	P=0.281
POLY 1.5	P=0.206	P=0.071N	P=0.123N	P=0.569
POLY 6	P=0.016*	P=0.069N	P=0.092N	P=0.051
COCH-ARM / FISHERS	P=0.477	P=0.099N	P=0.160N	P=0.361N
MAX-ISO-POLY-3	P=0.094	P=0.046N*	P=0.070N	P=0.210

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Spleen: Lymphoid Follicle Atrophy

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**LESION RATES**

OVERALL (a)	2/50 (4%)	1/47 (2%)	3/48 (6%)	1/48 (2%)
POLY-3 RATE (b)	2/44.33	1/42.52	3/44.48	1/19.89
POLY-3 PERCENT (g)	4.5%	2.4%	6.7%	5%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	2/36 (6%)	0/0 (0%)
FIRST INCIDENCE	340	590	677	432

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**STATISTICAL TESTS**

POLY 3	P=0.392	P=0.515N	P=0.502	P=0.683
POLY 1.5	P=0.572	P=0.516N	P=0.493	P=0.636N
POLY 6	P=0.277	P=0.510N	P=0.513	P=0.506
COCH-ARM / FISHERS	P=0.487N	P=0.523N	P=0.480	P=0.515N
MAX-ISO-POLY-3	P=0.599	P=0.294N	P=0.327	P=0.475

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen: Lymphoid Follicle Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	13/50 (26%)	20/47 (43%)	7/48 (15%)	21/48 (44%)
POLY-3 RATE (b)	13/43.38	20/42.22	7/44.28	21/31.49
POLY-3 PERCENT (g)	30%	47.4%	15.8%	66.7%
TERMINAL (d)	12/33 (36%)	19/35 (54%)	7/36 (19%)	0/0 (0%)
FIRST INCIDENCE	697	684	729 (T)	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.011*	P=0.071	P=0.090N	P<0.001**
POLY 1.5	P=0.032*	P=0.072	P=0.102N	P=0.008**
POLY 6	P=0.003**	P=0.075	P=0.078N	P<0.001**
COCH-ARM / FISHERS	P=0.110	P=0.066	P=0.125N	P=0.051
MAX-ISO-POLY-3	P=0.004**	P=0.045*	P=0.059N	P<0.001**



Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Spleen: Lymphoid Follicle Hyperplasia Focal</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/47 (0%)	0/48 (0%)	0/48 (0%)
POLY-3 RATE (b)	2/43.26	0/42.05	0/44.28	0/19.10
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	2/33 (6%)	0/35 (0%)	0/36 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.270N	P=0.243N	P=0.232N	P=0.440N
POLY 1.5	P=0.299N	P=0.245N	P=0.237N	P=0.337N
POLY 6	P=0.299N	P=0.240N	P=0.226N	P=0.586N
COCH-ARM / FISHERS	P=0.291N	P=0.263N	P=0.258N	P=0.258N
MAX-ISO-POLY-3	P=0.304N	P=0.079N	P=0.078N	P=0.261N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Edema</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/43.72	0/44.47	0/45.67	0/19.47
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	593	---	---	---
<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)

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Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Erosion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	3/49 (6%)
POLY-3 RATE (b)	0/43.26	1/44.47	2/45.83	3/21.27
POLY-3 PERCENT (g)	0%	2.3%	4.4%	14.1%
TERMINAL (d)	0/33 (0%)	1/35 (3%)	1/37 (3%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	688	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.020*	P=0.506	P=0.250	P=0.041*
POLY 1.5	P=0.041*	P=0.505	P=0.245	P=0.068
POLY 6	P=0.025*	P=0.507	P=0.256	P=0.022*
COCH-ARM / FISHERS	P=0.089	P=0.500	P=0.247	P=0.117
MAX-ISO-POLY-3	P=0.034*	P=0.165	P=0.089	P=0.034*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.67	0/19.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Stomach, Forestomach  
Foreign Body

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.26	0/44.47	0/45.67	0/19.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	3/50 (6%)	5/50 (10%)	6/49 (12%)
POLY-3 RATE (b)	5/44.64	3/45.26	5/45.85	6/23.02
POLY-3 PERCENT (g)	11.2%	6.6%	10.9%	26.1%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	587	634	688	535
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.057	P=0.349N	P=0.614N	P=0.130
POLY 1.5	P=0.120	P=0.347N	P=0.618N	P=0.276
POLY 6	P=0.041*	P=0.350N	P=0.611N	P=0.034*
COCH-ARM / FISHERS	P=0.276	P=0.357N	P=0.630N	P=0.486
MAX-ISO-POLY-3	P=0.093	P=0.226N	P=0.481N	P=0.124

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

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 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/43.43	0/44.47	0/45.67	0/19.47
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	683	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.268N	P=0.232N	P=0.226N	P=0.436N
POLY 1.5	P=0.298N	P=0.232N	P=0.230N	P=0.333N
POLY 6	P=0.294N	P=0.231N	P=0.222N	P=0.584N
COCH-ARM / FISHERS	P=0.292N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.296N	P=0.076N	P=0.076N	P=0.259N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	3/50 (6%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	5/45.07	3/45.45	1/45.69	1/20.16
POLY-3 PERCENT (g)	11.1%	6.6%	2.2%	5%
TERMINAL (d)	1/33 (3%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	340	568	726	496
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.194N	P=0.352N	P=0.098N	P=0.388N
POLY 1.5	P=0.167N	P=0.350N	P=0.100N	P=0.223N
POLY 6	P=0.186N	P=0.350N	P=0.096N	P=0.639N
COCH-ARM / FISHERS	P=0.105N	P=0.357N	P=0.102N	P=0.107N
MAX-ISO-POLY-3	P=0.319N	P=0.228N	P=0.044N*	P=0.297N



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	5/50 (10%)	6/50 (12%)	16/49 (33%)
POLY-3 RATE (b)	9/45.59	5/45.26	6/45.83	16/29.04
POLY-3 PERCENT (g)	19.7%	11.1%	13.1%	55.1%
TERMINAL (d)	3/33 (9%)	2/35 (6%)	5/37 (14%)	0/0 (0%)
FIRST INCIDENCE	340	634	688	496
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.196N	P=0.283N	P<0.001**
POLY 1.5	P<0.001**	P=0.191N	P=0.284N	P=0.012*
POLY 6	P<0.001**	P=0.199N	P=0.283N	P<0.001**
COCH-ARM / FISHERS	P=0.004**	P=0.194N	P=0.288N	P=0.074
MAX-ISO-POLY-3	P<0.001**	P=0.127N	P=0.197N	P=0.003**

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
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 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Erosion</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	0/47 (0%)	0/47 (0%)	1/48 (2%)
POLY-3 RATE (b)	1/42.61	0/42.31	0/43.45	1/19.79
POLY-3 PERCENT (g)	2.4%	0%	0%	5.1%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	684	---	---	496
<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)

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/47 (0%)	0/47 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/42.43	0/42.31	0/43.45	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/49 (10%)	6/47 (13%)	6/47 (13%)	1/48 (2%)
POLY-3 RATE (b)	5/43.68	6/43.73	6/44.16	1/19.69
POLY-3 PERCENT (g)	11.5%	13.7%	13.6%	5.1%
TERMINAL (d)	3/33 (9%)	2/35 (6%)	3/37 (8%)	0/0 (0%)
FIRST INCIDENCE	340	568	598	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.352N	P=0.501	P=0.508	P=0.384N
POLY 1.5	P=0.174N	P=0.492	P=0.492	P=0.222N
POLY 6	P=0.560	P=0.519	P=0.529	P=0.636N
COCH-ARM / FISHERS	P=0.052N	P=0.470	P=0.470	P=0.107N
MAX-ISO-POLY-3	P=0.471N	P=0.375	P=0.382	P=0.294N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	1/47 (2%)	1/47 (2%)	0/48 (0%)
POLY-3 RATE (b)	0/42.43	1/42.46	1/43.65	0/19.10
POLY-3 PERCENT (g)	0%	2.4%	2.3%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	690	677	---
<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)

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Stomach, Glandular: Glands</b>				
<b>Ectasia Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	4/49 (8%)	3/47 (6%)	4/47 (9%)	1/48 (2%)
<b>POLY-3 RATE (b)</b>	4/42.71	3/42.31	4/43.65	1/19.69
<b>POLY-3 PERCENT (g)</b>	9.4%	7.1%	9.2%	5.1%
<b>TERMINAL (d)</b>	3/33 (9%)	3/35 (9%)	3/37 (8%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	656	729 (T)	677	542
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.471N	P=0.505N	P=0.632N	P=0.473N
<b>POLY 1.5</b>	P=0.317N	P=0.507N	P=0.642	P=0.314N
<b>POLY 6</b>	P=0.538	P=0.501N	P=0.617N	P=0.617
<b>COCH-ARM / FISHERS</b>	P=0.159N	P=0.524N	P=0.619	P=0.187N
<b>MAX-ISO-POLY-3</b>	P=0.569N	P=0.352N	P=0.487N	P=0.345N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	25/48 (52%)	22/45 (49%)	26/46 (57%)	13/46 (28%)
POLY-3 RATE (b)	25/45.56	22/43.76	26/44.81	13/26.56
POLY-3 PERCENT (g)	54.9%	50.3%	58%	48.9%
TERMINAL (d)	15/32 (47%)	12/33 (36%)	18/34 (53%)	0/0 (0%)
FIRST INCIDENCE	340	421	3	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.484N	P=0.411N	P=0.464	P=0.404N
POLY 1.5	P=0.132N	P=0.419N	P=0.459	P=0.108N
POLY 6	P=0.163	P=0.389N	P=0.476	P=0.248
COCH-ARM / FISHERS	P=0.008N**	P=0.460N	P=0.411	P=0.016N*
MAX-ISO-POLY-3	P=0.565N	P=0.332N	P=0.380	P=0.343N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
 Time Report Requested: 08:48:44  
 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/48 (17%)	6/45 (13%)	6/46 (13%)	2/46 (4%)
POLY-3 RATE (b)	8/42.82	6/40.86	6/41.98	2/19.57
POLY-3 PERCENT (g)	18.7%	14.7%	14.3%	10.2%
TERMINAL (d)	4/32 (13%)	5/33 (15%)	4/34 (12%)	0/0 (0%)
FIRST INCIDENCE	589	618	688	542
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.304N	P=0.422N	P=0.401N	P=0.337N
POLY 1.5	P=0.158N	P=0.420N	P=0.406N	P=0.152N
POLY 6	P=0.505N	P=0.425N	P=0.398N	P=0.576
COCH-ARM / FISHERS	P=0.048N*	P=0.438N	P=0.420N	P=0.052N
MAX-ISO-POLY-3	P=0.473N	P=0.314N	P=0.294N	P=0.280N



Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

Time Report Requested: 08:48:44

First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Thymus  
Hyperplasia Lymphoid

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LESION RATES				
OVERALL (a)	16/48 (33%)	16/45 (36%)	9/46 (20%)	10/46 (22%)
POLY-3 RATE (b)	16/41.57	16/40.98	9/41.69	10/24.28
POLY-3 PERCENT (g)	38.5%	39.1%	21.6%	41.2%
TERMINAL (d)	15/32 (47%)	14/33 (42%)	9/34 (27%)	0/0 (0%)
FIRST INCIDENCE	680	634	729 (T)	542

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STATISTICAL TESTS				
POLY 3	P=0.440N	P=0.569	P=0.071N	P=0.518
POLY 1.5	P=0.256N	P=0.552	P=0.081N	P=0.380N
POLY 6	P=0.493	P=0.586N	P=0.062N	P=0.139
COCH-ARM / FISHERS	P=0.087N	P=0.497	P=0.101N	P=0.153N
MAX-ISO-POLY-3	P=0.438N	P=0.478	P=0.045N*	P=0.429

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

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 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thymus</b>				
<b>Necrosis Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/48 (4%)	1/45 (2%)	1/46 (2%)	0/46 (0%)
POLY-3 RATE (b)	2/42.36	1/40.94	1/42.69	0/18.39
POLY-3 PERCENT (g)	4.7%	2.4%	2.3%	0%
TERMINAL (d)	0/32 (0%)	0/33 (0%)	0/34 (0%)	0/0 (0%)
FIRST INCIDENCE	579	590	3	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.333N	P=0.512N	P=0.497N	P=0.444N
POLY 1.5	P=0.280N	P=0.513N	P=0.500N	P=0.340N
POLY 6	P=0.474N	P=0.510N	P=0.495N	P=0.589N
COCH-ARM / FISHERS	P=0.210N	P=0.524N	P=0.516N	P=0.258N
MAX-ISO-POLY-3	P=0.433N	P=0.291N	P=0.281N	P=0.265N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thyroid Gland: Follicle Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/49 (2%)	0/48 (0%)	0/47 (0%)
POLY-3 RATE (b)	2/43.26	1/43.54	0/44.18	0/18.79
POLY-3 PERCENT (g)	4.6%	2.3%	0%	0%
TERMINAL (d)	2/33 (6%)	0/34 (0%)	0/36 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	712	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.197N	P=0.498N	P=0.232N	P=0.443N
POLY 1.5	P=0.212N	P=0.498N	P=0.238N	P=0.342N
POLY 6	P=0.207N	P=0.496N	P=0.226N	P=0.588N
COCH-ARM / FISHERS	P=0.194N	P=0.508N	P=0.258N	P=0.263N
MAX-ISO-POLY-3	P=0.324N	P=0.280N	P=0.078N	P=0.264N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thyroid Gland: Follicle Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	34/50 (68%)	28/49 (57%)	26/48 (54%)	11/47 (23%)
POLY-3 RATE (b)	34/46.70	28/46.65	26/46.55	11/25.47
POLY-3 PERCENT (g)	72.8%	60%	55.9%	43.2%
TERMINAL (d)	22/33 (67%)	21/34 (62%)	18/36 (50%)	0/0 (0%)
FIRST INCIDENCE	438	421	535	432
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.023N*	P=0.133N	P=0.065N	P=0.008N**
POLY 1.5	P<0.001N**	P=0.132N	P=0.078N	P<0.001N**
POLY 6	P=0.213N	P=0.146N	P=0.054N	P=0.366N
COCH-ARM / FISHERS	P<0.001N**	P=0.182N	P=0.115N	P<0.001N**
MAX-ISO-POLY-3	P=0.038N*	P=0.091N	P=0.042N*	P=0.015N*

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 09/10/2014

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First Dose M/F: 02/25/08 / 02/25/08

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Thyroid Gland: Follicle Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	24/50 (48%)	31/49 (63%)	37/48 (77%)	42/47 (89%)
POLY-3 RATE (b)	24/46.47	31/47.00	37/46.90	42/43.89
POLY-3 PERCENT (g)	51.7%	66%	78.9%	95.7%
TERMINAL (d)	17/33 (52%)	21/34 (62%)	29/36 (81%)	0/0 (0%)
FIRST INCIDENCE	4	473	3	432
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.111	P=0.003**	P<0.001**
POLY 1.5	P<0.001**	P=0.102	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.129	P=0.005**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.092	P=0.003**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.077	P=0.002**	P<0.001**

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
Urethra Inflammation Acute				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Urethra: Bulbourethral Gland Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

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 First Dose M/F: 02/25/08 / 02/25/08  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Urinary Bladder Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/42.72	0/44.47	0/45.28	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)



Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
Time Report Requested: 08:48:44  
First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG

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Urinary Bladder  
Inflammation Acute

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**LESION RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/42.72	0/44.47	0/45.28	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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)

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Experiment Number: 20209 - 04  
Test Type: CHRONIC  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Urinary Bladder Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/42.72	0/44.47	0/45.28	0/19.10
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<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)

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Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
Uterus Cyst				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/43.26	0/44.47	0/45.67	0/19.47
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	2/33 (6%)	0/35 (0%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.269N	P=0.231N	P=0.225N	P=0.435N
POLY 1.5	P=0.299N	P=0.232N	P=0.230N	P=0.332N
POLY 6	P=0.295N	P=0.229N	P=0.220N	P=0.583N
COCH-ARM / FISHERS	P=0.292N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.295N	P=0.076N	P=0.076N	P=0.258N

Experiment Number: 20209 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Uterus Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/43.26	2/44.53	0/45.67	0/19.47
POLY-3 PERCENT (g)	2.3%	4.5%	0%	0%
TERMINAL (d)	1/33 (3%)	1/35 (3%)	0/37 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	715	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.212N	P=0.510	P=0.489N	P=0.639N
POLY 1.5	P=0.221N	P=0.509	P=0.493N	P=0.575N
POLY 6	P=0.233N	P=0.512	P=0.484N	P=0.714N
COCH-ARM / FISHERS	P=0.201N	P=0.500	P=0.500N	P=0.505N
MAX-ISO-POLY-3	P=0.348N	P=0.292	P=0.158N	P=0.325N

Experiment Number: 20209 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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Pentabromodiphenyl oxide (technical) (DE 71)  
CAS Number: 32534-81-9

Date Report Requested: 09/10/2014  
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First Dose M/F: 02/25/08 / 02/25/08  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	30 MG/KG	100 MG/KG
<b>Uterus</b>				
<b>Hyperplasia Cystic</b>				
<b>LESION RATES</b>				
OVERALL (a)	45/50 (90%)	47/50 (94%)	46/50 (92%)	43/49 (88%)
POLY-3 RATE (b)	45/48.46	47/49.07	46/48.20	43/44.93
POLY-3 PERCENT (g)	92.9%	95.8%	95.4%	95.7%
TERMINAL (d)	33/33 (100%)	34/35 (97%)	36/37 (97%)	0/0 (0%)
FIRST INCIDENCE	4	421	563	496
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.465	P=0.417	P=0.452	P=0.428
POLY 1.5	P=0.547N	P=0.389	P=0.414	P=0.591
POLY 6	P=0.256	P=0.474	P=0.522	P=0.255
COCH-ARM / FISHERS	P=0.266N	P=0.357	P=0.500	P=0.486N
MAX-ISO-POLY-3	P=0.391	P=0.244	P=0.275	P=0.240

Experiment Number: 20209 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

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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.
  - (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 \*\*\*