

**Experiment Number:** 20320 - 04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

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

Tetrabromobisphenol A  
**CAS Number:** 79-94-7

**Date Report Requested:** 04/24/2013  
**Time Report Requested:** 11:54:26  
**First Dose M/F:** 08/07/07 / 08/06/07  
**Lab:** BAT

F\_P10\_w.o\_h.d

<b>NTP Study Number:</b>	C20320		
<b>Lock Date:</b>	01/12/2010		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25021 TSAC 25018 DACC	25020 NATD	25019 MSAC
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include 001 0 mg/kg Include 004 250 mg/kg	Include 002 0 mg/kg Include 005 500 mg/kg	Include 003 250 mg/kg Include 006 500 mg/kg
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	3.0.1.1_001		
<b>PWG Approval Date:</b>	01/24/2013		

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Lab: BAT

**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF TETRABROMOBISPHENOL A**

**MALE MICE**

**Organ**

Heart  
Kidney

Kidney: Papilla  
Kidney: Renal Tubule

Liver

Liver: Bile Duct  
Stomach, Forestomach

Stomach, Forestomach: Epithelium

**FEMALE MICE**

**Organ**

Bone Marrow: Myeloid Cell  
Bone  
Kidney  
Kidney: Renal Tubule  
Liver

Nose: Respiratory Epithelium  
Ovary  
Spleen  
Stomach, Forestomach

Stomach, Forestomach: Epithelium

**Morphology**

Cardiomyopathy  
Hydronephrosis  
Nephropathy  
Necrosis  
Cytoplasmic Alteration  
Pigmentation  
Clear Cell Focus  
Eosinophilic Focus  
Tension Lipidosis  
Cyst  
Infiltration Cellular Mononuclear Cell  
Inflammation  
Ulcer  
Hyperplasia

**Morphology**

Hyperplasia  
Fibro-osseous Lesion  
Nephropathy  
Mineralization  
Angiectasis  
Fatty Change  
Fatty Change Focal  
Inflammation Chronic  
Hyperplasia  
Angiectasis  
Hyperplasia Lymphoid  
Infiltration Cellular Mononuclear Cell  
Inflammation  
Ulcer  
Hyperplasia

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**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF TETRABROMOBISPHENOL A**

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

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Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Adrenal Cortex Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/43.17	2/41.88	1/45.53
POLY-3 PERCENT (g)	7%	4.8%	2.2%
TERMINAL (d)	3/33 (9%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	687	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.208N	P=0.514N	P=0.286N
POLY 1.5	P=0.214N	P=0.508N	P=0.294N
POLY 6	P=0.199N	P=0.523N	P=0.276N
COCH-ARM / FISHERS	P=0.222N	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.206N	P=0.338N	P=0.147N

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Adrenal Cortex Hypertrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.49	0/41.62	0/45.53
POLY-3 PERCENT (g)	4.6%	0%	0%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	644	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.093N	P=0.247N	P=0.227N
POLY 1.5	P=0.094N	P=0.242N	P=0.231N
POLY 6	P=0.092N	P=0.254N	P=0.222N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.052N	P=0.085N	P=0.076N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Adrenal Medulla Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.17	1/41.69	2/45.79
POLY-3 PERCENT (g)	2.3%	2.4%	4.4%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	730 (T)	714	668
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.399	P=0.753	P=0.521
POLY 1.5	P=0.391	P=0.756	P=0.512
POLY 6	P=0.412	P=0.748	P=0.533
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.405	P=0.489	P=0.303

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

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Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Bone Marrow Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.50	1/41.87	1/45.76
POLY-3 PERCENT (g)	2.3%	2.4%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	640	664	668
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Bone Marrow: Myeloid Cell Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(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	250 mg/kg	500 mg/kg

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**Bone**  
**Fibro-osseous Lesion**

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**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	2.3%	0%	0%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	730 (T)	---	---

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**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(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	250 mg/kg	500 mg/kg
<b>Bone: Femur Callus</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	2/42.54	0/45.53
POLY-3 PERCENT (g)	0%	4.7%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	403	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.651N	P=0.234	(e)
POLY 1.5	P=0.658N	P=0.236	(e)
POLY 6	P=0.640N	P=0.229	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.262N	P=0.076	(e)

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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	250 mg/kg	500 mg/kg

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**Bone: Joint Degeneration**

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---

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**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Eye			
Cataract			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/43.51	0/41.62	1/45.53
POLY-3 PERCENT (g)	4.6%	0%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	673	---	730 (T)
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<b>STATISTICAL TESTS</b>			
POLY 3	P=0.356N	P=0.247N	P=0.484N
POLY 1.5	P=0.358N	P=0.242N	P=0.490N
POLY 6	P=0.353N	P=0.255N	P=0.476N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.197N	P=0.085N	P=0.272N

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Experiment Number: 20320 - 04  
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Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

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Eye: Cornea  
Inflammation

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**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.17	1/41.62	1/45.53
POLY-3 PERCENT (g)	2.3%	2.4%	2.2%
TERMINAL (d)	1/33 (3%)	1/25 (4%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)

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**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 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	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Heart			
Cardiomyopathy			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	24/50 (48%)	20/50 (40%)	18/50 (36%)
POLY-3 RATE (b)	24/43.56	20/42.94	18/46.83
POLY-3 PERCENT (g)	55.1%	46.6%	38.4%
TERMINAL (d)	22/33 (67%)	14/25 (56%)	14/39 (36%)
FIRST INCIDENCE	640	470	522
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.063N	P=0.275N	P=0.079N
POLY 1.5	P=0.088N	P=0.272N	P=0.107N
POLY 6	P=0.038N*	P=0.289N	P=0.052N
COCH-ARM / FISHERS	P=0.132N	P=0.273N	P=0.156N
MAX-ISO-POLY-3	P=0.076N	P=0.208N	P=0.058N

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Species/Strain: MICE/B6C3F1

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First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Heart Mineralization</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	2/42.51	0/45.53
POLY-3 PERCENT (g)	0%	4.7%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	598	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.651N	P=0.233	(e)
POLY 1.5	P=0.658N	P=0.235	(e)
POLY 6	P=0.640N	P=0.231	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.262N	P=0.076	(e)

---

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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	250 mg/kg	500 mg/kg

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Heart: Epicardium  
Inflammation

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---

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**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(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	250 mg/kg	500 mg/kg

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Heart: Valve  
Inflammation

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**LESION RATES**

OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/44.16	2/43.25	0/45.53
POLY-3 PERCENT (g)	4.5%	4.6%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	374	403	---

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**STATISTICAL TESTS**

POLY 3	P=0.169N	P=0.687	P=0.230N
POLY 1.5	P=0.172N	P=0.690	P=0.234N
POLY 6	P=0.163N	P=0.679	P=0.225N
COCH-ARM / FISHERS	P=0.176N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.144N	P=0.491	P=0.076N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Intestine Small, Jejunum: Peyer's Patch  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	0/47 (0%)	0/44 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/41.58	0/37.65	0/45.18
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/24 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Islets, Pancreatic Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/43.17	2/42.04	0/45.53
POLY-3 PERCENT (g)	2.3%	4.8%	0%
TERMINAL (d)	1/33 (3%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	730 (T)	608	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.343N	P=0.491	P=0.489N
POLY 1.5	P=0.350N	P=0.495	P=0.494N
POLY 6	P=0.332N	P=0.484	P=0.483N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.193N	P=0.275	P=0.158N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney</b>			
<b>Hydronephrosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	3/41.79	0/45.53
POLY-3 PERCENT (g)	0%	7.2%	0%
TERMINAL (d)	0/33 (0%)	2/25 (8%)	0/39 (0%)
FIRST INCIDENCE	---	687	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.616N	P=0.112	(e)
POLY 1.5	P=0.626N	P=0.115	(e)
POLY 6	P=0.602N	P=0.108	(e)
COCH-ARM / FISHERS	P=0.640	P=0.121	(e)
MAX-ISO-POLY-3	P=0.186N	P=0.038*	(e)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney</b>			
Infiltration Cellular Lymphocyte			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	1/41.62	2/45.53
POLY-3 PERCENT (g)	0%	2.4%	4.4%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	2/39 (5%)
FIRST INCIDENCE	---	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.153	P=0.493	P=0.249
POLY 1.5	P=0.149	P=0.496	P=0.244
POLY 6	P=0.160	P=0.487	P=0.256
COCH-ARM / FISHERS	P=0.142	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.120	P=0.158	P=0.087

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney</b>			
<b>Nephropathy</b>			
<b>LESION RATES</b>			
OVERALL (a)	41/50 (82%)	30/50 (60%)	32/50 (64%)
POLY-3 RATE (b)	41/46.58	30/44.75	32/47.76
POLY-3 PERCENT (g)	88%	67%	67%
TERMINAL (d)	32/33 (97%)	16/25 (64%)	27/39 (69%)
FIRST INCIDENCE	374	470	513
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.009N**	P=0.008N**	P=0.009N**
POLY 1.5	P=0.015N*	P=0.009N**	P=0.016N*
POLY 6	P=0.005N**	P=0.008N**	P=0.005N**
COCH-ARM / FISHERS	P=0.033N*	P=0.013N*	P=0.035N*
MAX-ISO-POLY-3	P=0.008N**	P=0.004N**	P=0.005N**

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney: Papilla Necrosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/43.63	1/41.62	0/45.53
POLY-3 PERCENT (g)	6.9%	2.4%	0%
TERMINAL (d)	2/33 (6%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	595	730 (T)	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.056N	P=0.322N	P=0.111N
POLY 1.5	P=0.058N	P=0.314N	P=0.114N
POLY 6	P=0.054N	P=0.334N	P=0.107N
COCH-ARM / FISHERS	P=0.060N	P=0.309N	P=0.121N
MAX-ISO-POLY-3	P=0.040N*	P=0.172N	P=0.038N*

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Kidney: Renal Tubule  
Cyst**

---

<b>LESION RATES</b>			
OVERALL (a)	6/50 (12%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	6/43.42	2/41.77	5/45.53
POLY-3 PERCENT (g)	13.8%	4.8%	11%
TERMINAL (d)	4/33 (12%)	1/25 (4%)	5/39 (13%)
FIRST INCIDENCE	683	693	730 (T)

---

<b>STATISTICAL TESTS</b>			
POLY 3	P=0.408N	P=0.144N	P=0.467N
POLY 1.5	P=0.417N	P=0.139N	P=0.480N
POLY 6	P=0.394N	P=0.153N	P=0.449N
COCH-ARM / FISHERS	P=0.429N	P=0.134N	P=0.500N
MAX-ISO-POLY-3	P=0.256N	P=0.080N	P=0.346N

---



Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Kidney: Renal Tubule  
Cytoplasmic Alteration**

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	20/50 (40%)	47/50 (94%)
POLY-3 RATE (b)	0/43.17	20/44.52	47/50.00
POLY-3 PERCENT (g)	0%	44.9%	94%
TERMINAL (d)	0/33 (0%)	9/25 (36%)	36/39 (92%)
FIRST INCIDENCE	---	589	513

---

**STATISTICAL TESTS**

POLY 3	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Kidney: Renal Tubule Mineralization**

---

**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.85	0/41.62	1/45.53
POLY-3 PERCENT (g)	2.3%	0%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	501	---	730 (T)

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney: Renal Tubule Pigmentation</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	0/43.17	5/42.98	1/45.53
POLY-3 PERCENT (g)	0%	11.6%	2.2%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	1/39 (3%)
FIRST INCIDENCE	---	535	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.437	P=0.030*	P=0.511
POLY 1.5	P=0.421	P=0.030*	P=0.506
POLY 6	P=0.460	P=0.029*	P=0.517
COCH-ARM / FISHERS	P=0.399	P=0.028*	P=0.500
MAX-ISO-POLY-3	P=0.086	P=0.009**	P=0.172

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver Angiectasis			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	0/41.62	2/45.53
POLY-3 PERCENT (g)	0%	0%	4.4%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	2/39 (5%)
FIRST INCIDENCE	---	---	730 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.099	(e)	P=0.249
POLY 1.5	P=0.097	(e)	P=0.244
POLY 6	P=0.103	(e)	P=0.256
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.064	(e)	P=0.087

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Basophilic Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	9/50 (18%)	9/50 (18%)	6/50 (12%)
POLY-3 RATE (b)	9/44.24	9/42.66	6/46.18
POLY-3 PERCENT (g)	20.3%	21.1%	13%
TERMINAL (d)	6/33 (18%)	6/25 (24%)	5/39 (13%)
FIRST INCIDENCE	555	403	513
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.214N	P=0.571	P=0.256N
POLY 1.5	P=0.227N	P=0.587	P=0.268N
POLY 6	P=0.198N	P=0.540	P=0.242N
COCH-ARM / FISHERS	P=0.248N	P=0.602N	P=0.288N
MAX-ISO-POLY-3	P=0.240N	P=0.465	P=0.179N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
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First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Clear Cell Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	11/50 (22%)	10/50 (20%)	25/50 (50%)
POLY-3 RATE (b)	11/43.71	10/41.69	25/45.53
POLY-3 PERCENT (g)	25.2%	24%	54.9%
TERMINAL (d)	9/33 (27%)	9/25 (36%)	25/39 (64%)
FIRST INCIDENCE	640	714	730 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001**	P=0.550N	P=0.003**
POLY 1.5	P<0.001**	P=0.526N	P=0.003**
POLY 6	P<0.001**	P=0.588N	P=0.003**
COCH-ARM / FISHERS	P=0.002**	P=0.500N	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P=0.449N	P=0.002**

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
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First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Eosinophilic Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	20/50 (40%)	33/50 (66%)	40/50 (80%)
POLY-3 RATE (b)	20/44.75	33/44.86	40/48.03
POLY-3 PERCENT (g)	44.7%	73.6%	83.3%
TERMINAL (d)	15/33 (46%)	21/25 (84%)	34/39 (87%)
FIRST INCIDENCE	595	526	513
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001**	P=0.003**	P<0.001**
POLY 1.5	P<0.001**	P=0.004**	P<0.001**
POLY 6	P<0.001**	P=0.002**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.008**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver Fatty Change			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/43.17	2/42.42	1/45.53
POLY-3 PERCENT (g)	2.3%	4.7%	2.2%
TERMINAL (d)	1/33 (3%)	1/25 (4%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	426	730 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.603N	P=0.494	P=0.749N
POLY 1.5	P=0.610N	P=0.497	P=0.754N
POLY 6	P=0.592N	P=0.487	P=0.742N
COCH-ARM / FISHERS	P=0.622	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.499N	P=0.277	P=0.485N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Fatty Change Focal			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	1/41.62	2/45.53
POLY-3 PERCENT (g)	0%	2.4%	4.4%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	2/39 (5%)
FIRST INCIDENCE	---	730 (T)	730 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.153	P=0.493	P=0.249
POLY 1.5	P=0.149	P=0.496	P=0.244
POLY 6	P=0.160	P=0.487	P=0.256
COCH-ARM / FISHERS	P=0.142	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.120	P=0.158	P=0.087

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver  
Hematopoietic Cell Proliferation

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Inflammation Chronic			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Mixed Cell Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	7/50 (14%)	8/50 (16%)	12/50 (24%)
POLY-3 RATE (b)	7/43.48	8/41.85	12/45.53
POLY-3 PERCENT (g)	16.1%	19.1%	26.4%
TERMINAL (d)	6/33 (18%)	6/25 (24%)	12/39 (31%)
FIRST INCIDENCE	645	687	730 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.139	P=0.468	P=0.177
POLY 1.5	P=0.132	P=0.483	P=0.168
POLY 6	P=0.151	P=0.444	P=0.192
COCH-ARM / FISHERS	P=0.121	P=0.500	P=0.154
MAX-ISO-POLY-3	P=0.162	P=0.359	P=0.123

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Tension Lipidosis			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	3/50 (6%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	3/43.55	0/41.62	3/46.75
POLY-3 PERCENT (g)	6.9%	0%	6.4%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	645	---	522
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.587N	P=0.127N	P=0.629N
POLY 1.5	P=0.593N	P=0.123N	P=0.642N
POLY 6	P=0.577N	P=0.133N	P=0.613N
COCH-ARM / FISHERS	P=0.601	P=0.121N	P=0.661N
MAX-ISO-POLY-3	P=0.303N	P=0.045N*	P=0.465N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver: Bile Duct  
Cyst

---

LESION RATES			
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/43.17	0/41.62	3/45.53
POLY-3 PERCENT (g)	0%	0%	6.6%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	3/39 (8%)
FIRST INCIDENCE	---	---	730 (T)

---

STATISTICAL TESTS			
POLY 3	P=0.038*	(e)	P=0.128
POLY 1.5	P=0.037*	(e)	P=0.125
POLY 6	P=0.040*	(e)	P=0.134
COCH-ARM / FISHERS	P=0.037*	(e)	P=0.121
MAX-ISO-POLY-3	P=0.026*	(e)	P=0.046*

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver: Hepatocyte Hypertrophy			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.43	0/41.62	0/45.53
POLY-3 PERCENT (g)	4.6%	0%	0%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	661	---	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.093N	P=0.246N	P=0.227N
POLY 1.5	P=0.094N	P=0.242N	P=0.231N
POLY 6	P=0.092N	P=0.254N	P=0.221N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.052N	P=0.085N	P=0.076N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver: Hepatocyte Necrosis			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.17	2/41.74	1/46.03
POLY-3 PERCENT (g)	0%	4.8%	2.2%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	---	700	577
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.391	P=0.229	P=0.513
POLY 1.5	P=0.378	P=0.233	P=0.508
POLY 6	P=0.408	P=0.224	P=0.520
COCH-ARM / FISHERS	P=0.360	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.203	P=0.076	P=0.174

---



Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver: Kupffer Cell Pigmentation

---

LESION RATES			
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	0/41.62	2/45.53
POLY-3 PERCENT (g)	0%	0%	4.4%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	2/39 (5%)
FIRST INCIDENCE	---	---	730 (T)

---

STATISTICAL TESTS			
POLY 3	P=0.099	(e)	P=0.249
POLY 1.5	P=0.097	(e)	P=0.244
POLY 6	P=0.103	(e)	P=0.256
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.064	(e)	P=0.087

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Lung  
Infiltration Cellular Histiocyte

---

LESION RATES			
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.48	0/41.62	1/45.74
POLY-3 PERCENT (g)	2.3%	0%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	645	---	674

---

STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lung: Alveolar Epithelium Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	5/50 (10%)	1/50 (2%)	6/50 (12%)
POLY-3 RATE (b)	5/43.49	1/41.62	6/45.53
POLY-3 PERCENT (g)	11.5%	2.4%	13.2%
TERMINAL (d)	4/33 (12%)	1/25 (4%)	6/39 (15%)
FIRST INCIDENCE	644	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.446	P=0.111N	P=0.532
POLY 1.5	P=0.438	P=0.107N	P=0.519
POLY 6	P=0.459	P=0.118N	P=0.550
COCH-ARM / FISHERS	P=0.427	P=0.102N	P=0.500
MAX-ISO-POLY-3	P=0.223	P=0.053N	P=0.405

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lung: Alveolar Epithelium Hypertrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/43.17	0/41.62	1/45.53
POLY-3 PERCENT (g)	4.6%	0%	2.2%
TERMINAL (d)	2/33 (6%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	---	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.356N	P=0.245N	P=0.481N
POLY 1.5	P=0.358N	P=0.241N	P=0.489N
POLY 6	P=0.351N	P=0.251N	P=0.471N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.196N	P=0.083N	P=0.270N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lymph Node, Mesenteric Hyperplasia Lymphoid</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	1/49 (2%)	4/50 (8%)
POLY-3 RATE (b)	1/43.17	1/40.96	4/46.19
POLY-3 PERCENT (g)	2.3%	2.4%	8.7%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	2/39 (5%)
FIRST INCIDENCE	730 (T)	708	522
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.113	P=0.749	P=0.200
POLY 1.5	P=0.108	P=0.752	P=0.191
POLY 6	P=0.120	P=0.744	P=0.212
COCH-ARM / FISHERS	P=0.102	P=0.747	P=0.181
MAX-ISO-POLY-3	P=0.110	P=0.485	P=0.103

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lymph Node, Mesenteric Infiltration Cellular Histiocyte</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	0/40.87	2/46.78
POLY-3 PERCENT (g)	0%	0%	4.3%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	513
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.103	(e)	P=0.256
POLY 1.5	P=0.100	(e)	P=0.248
POLY 6	P=0.108	(e)	P=0.265
COCH-ARM / FISHERS	P=0.096	(e)	P=0.247
MAX-ISO-POLY-3	P=0.071	(e)	P=0.093

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Mesentery: Fat Necrosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/3 (67%)	2/3 (67%)	2/4 (50%)
POLY-3 RATE (b)	2/2.88	2/2.27	2/3.97
POLY-3 PERCENT (g)	69.5%	88.2%	50.4%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	2/3 (67%)
FIRST INCIDENCE	683	664	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.438N	P=0.699	P=0.598N
POLY 1.5	P=0.455N	P=0.725	P=0.605N
POLY 6	P=0.409N	P=0.690	P=0.585N
COCH-ARM / FISHERS	P=0.469N	P=0.800N	P=0.629N
MAX-ISO-POLY-3	P=0.360N	P=0.335	P=0.343N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Nose Inflammation**

---

**LESION RATES**

OVERALL (a)	5/50 (10%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	5/44.57	2/41.89	3/46.53
POLY-3 PERCENT (g)	11.2%	4.8%	6.5%
TERMINAL (d)	1/33 (3%)	1/25 (4%)	1/39 (3%)
FIRST INCIDENCE	448	657	540

---

**STATISTICAL TESTS**

POLY 3	P=0.258N	P=0.241N	P=0.333N
POLY 1.5	P=0.265N	P=0.230N	P=0.343N
POLY 6	P=0.248N	P=0.258N	P=0.320N
COCH-ARM / FISHERS	P=0.274N	P=0.218N	P=0.357N
MAX-ISO-POLY-3	P=0.223N	P=0.143N	P=0.217N

---



Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Nose: Respiratory Epithelium  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	27/50 (54%)	25/50 (50%)	20/50 (40%)
POLY-3 RATE (b)	27/46.15	25/44.75	20/46.13
POLY-3 PERCENT (g)	58.5%	55.9%	43.4%
TERMINAL (d)	18/33 (55%)	14/25 (56%)	19/39 (49%)
FIRST INCIDENCE	501	470	535

---

**STATISTICAL TESTS**

POLY 3	P=0.082N	P=0.483N	P=0.102N
POLY 1.5	P=0.085N	P=0.451N	P=0.103N
POLY 6	P=0.085N	P=0.538N	P=0.106N
COCH-ARM / FISHERS	P=0.097N	P=0.421N	P=0.115N
MAX-ISO-POLY-3	P=0.090N	P=0.397N	P=0.069N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Preputial Gland Ectasia			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/43.39	2/42.37	1/46.03
POLY-3 PERCENT (g)	4.6%	4.7%	2.2%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	673	589	577
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.370N	P=0.686	P=0.479N
POLY 1.5	P=0.379N	P=0.689	P=0.488N
POLY 6	P=0.358N	P=0.680	P=0.468N
COCH-ARM / FISHERS	P=0.390N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.382N	P=0.490	P=0.269N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Preputial Gland Inflammation</b>			
<b>LESION RATES</b>			
OVERALL (a)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/43.50	2/41.91	3/45.53
POLY-3 PERCENT (g)	6.9%	4.8%	6.6%
TERMINAL (d)	2/33 (6%)	0/25 (0%)	3/39 (8%)
FIRST INCIDENCE	640	673	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.570N	P=0.517N	P=0.641N
POLY 1.5	P=0.577N	P=0.509N	P=0.649N
POLY 6	P=0.560N	P=0.529N	P=0.630N
COCH-ARM / FISHERS	P=0.588	P=0.500N	P=0.661N
MAX-ISO-POLY-3	P=0.558N	P=0.341N	P=0.476N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Prostate Inflammation</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.17	2/42.31	1/45.76
POLY-3 PERCENT (g)	0%	4.7%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	602	668
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.388	P=0.232	P=0.512
POLY 1.5	P=0.377	P=0.235	P=0.507
POLY 6	P=0.404	P=0.229	P=0.519
COCH-ARM / FISHERS	P=0.360	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.204	P=0.076	P=0.173

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Skin			
Ulcer			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	2/43.17	4/42.11	3/46.70
POLY-3 PERCENT (g)	4.6%	9.5%	6.4%
TERMINAL (d)	2/33 (6%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	730 (T)	665	568
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.466	P=0.325	P=0.536
POLY 1.5	P=0.445	P=0.331	P=0.521
POLY 6	P=0.497	P=0.318	P=0.557
COCH-ARM / FISHERS	P=0.417	P=0.339	P=0.500
MAX-ISO-POLY-3	P=0.386	P=0.194	P=0.361

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Spleen Atrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/40.49	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Spleen</b>			
<b>Hematopoietic Cell Proliferation</b>			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	3/48 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/43.56	3/41.41	0/45.53
POLY-3 PERCENT (g)	2.3%	7.2%	0%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	619	426	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.358N	P=0.287	P=0.491N
POLY 1.5	P=0.366N	P=0.289	P=0.495N
POLY 6	P=0.347N	P=0.281	P=0.486N
COCH-ARM / FISHERS	P=0.379N	P=0.293	P=0.500N
MAX-ISO-POLY-3	P=0.139N	P=0.145	P=0.158N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Spleen</b>			
Hyperplasia Lymphoid			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	1/48 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	1/40.49	0/45.53
POLY-3 PERCENT (g)	0%	2.5%	0%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	---	730 (T)	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Spleen  
Pigmentation Hemosiderin

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	2/40.75	0/45.53
POLY-3 PERCENT (g)	0%	4.9%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	687	---

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**STATISTICAL TESTS**

POLY 3	P=0.650N	P=0.224	(e)
POLY 1.5	P=0.657N	P=0.226	(e)
POLY 6	P=0.639N	P=0.222	(e)
COCH-ARM / FISHERS	P=0.668	P=0.237	(e)
MAX-ISO-POLY-3	P=0.258N	P=0.073	(e)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Spleen: Lymphoid Follicle Atrophy

---

LESION RATES			
OVERALL (a)	3/50 (6%)	2/48 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/43.97	2/40.91	1/46.12
POLY-3 PERCENT (g)	6.8%	4.9%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	640	613	540

---

STATISTICAL TESTS			
POLY 3	P=0.211N	P=0.533N	P=0.288N
POLY 1.5	P=0.216N	P=0.526N	P=0.295N
POLY 6	P=0.204N	P=0.544N	P=0.281N
COCH-ARM / FISHERS	P=0.223N	P=0.520N	P=0.309N
MAX-ISO-POLY-3	P=0.209N	P=0.356N	P=0.148N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Forestomach Hyperkeratosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.17	0/41.07	1/45.53
POLY-3 PERCENT (g)	0%	0%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	---	---	730 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Stomach, Forestomach  
Infiltration Cellular Mononuclear Cell**

---

**LESION RATES**

OVERALL (a)	5/50 (10%)	8/49 (16%)	21/50 (42%)
POLY-3 RATE (b)	5/43.51	8/41.75	21/48.65
POLY-3 PERCENT (g)	11.5%	19.2%	43.2%
TERMINAL (d)	3/33 (9%)	5/25 (20%)	13/39 (33%)
FIRST INCIDENCE	673	613	535

---

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.247	P<0.001**
POLY 1.5	P<0.001**	P=0.254	P<0.001**
POLY 6	P<0.001**	P=0.235	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.264	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.166	P<0.001**

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Stomach, Forestomach  
Inflammation

---

**LESION RATES**

OVERALL (a)	9/50 (18%)	10/49 (20%)	20/50 (40%)
POLY-3 RATE (b)	9/44.82	10/42.51	20/48.52
POLY-3 PERCENT (g)	20.1%	23.5%	41.2%
TERMINAL (d)	4/33 (12%)	5/25 (20%)	13/39 (33%)
FIRST INCIDENCE	501	589	522

---

**STATISTICAL TESTS**

POLY 3	P=0.012*	P=0.448	P=0.022*
POLY 1.5	P=0.010**	P=0.462	P=0.017*
POLY 6	P=0.016*	P=0.427	P=0.028*
COCH-ARM / FISHERS	P=0.008**	P=0.480	P=0.013*
MAX-ISO-POLY-3	P=0.016*	P=0.350	P=0.015*

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Stomach, Forestomach Ulcer			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	9/50 (18%)	9/49 (18%)	19/50 (38%)
POLY-3 RATE (b)	9/44.82	9/42.48	19/47.89
POLY-3 PERCENT (g)	20.1%	21.2%	39.7%
TERMINAL (d)	4/33 (12%)	4/25 (16%)	13/39 (33%)
FIRST INCIDENCE	501	589	535
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.018*	P=0.554	P=0.031*
POLY 1.5	P=0.016*	P=0.567	P=0.027*
POLY 6	P=0.022*	P=0.535	P=0.039*
COCH-ARM / FISHERS	P=0.014*	P=0.584	P=0.022*
MAX-ISO-POLY-3	P=0.022*	P=0.449	P=0.022*

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Stomach, Forestomach: Epithelium  
Dysplasia

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.07	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Stomach, Forestomach: Epithelium  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	10/50 (20%)	13/49 (27%)	27/50 (54%)
POLY-3 RATE (b)	10/44.79	13/42.82	27/49.28
POLY-3 PERCENT (g)	22.3%	30.4%	54.8%
TERMINAL (d)	5/33 (15%)	8/25 (32%)	18/39 (46%)
FIRST INCIDENCE	501	589	522

---

**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.270	P<0.001**
POLY 1.5	P<0.001**	P=0.282	P<0.001**
POLY 6	P<0.001**	P=0.251	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.298	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.200	P<0.001**

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Stomach, Forestomach: Epithelium  
Metaplasia Glandular

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.07	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Glandular Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.17	0/41.62	2/46.12
POLY-3 PERCENT (g)	2.3%	0%	4.3%
TERMINAL (d)	1/33 (3%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	---	540
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.375	P=0.507N	P=0.523
POLY 1.5	P=0.369	P=0.504N	P=0.514
POLY 6	P=0.385	P=0.513N	P=0.536
COCH-ARM / FISHERS	P=0.360	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.231	P=0.168N	P=0.306

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Testes: Germinal Epithelium  
Degeneration

---

**LESION RATES**

OVERALL (a)	5/50 (10%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	5/43.53	3/42.03	5/46.38
POLY-3 PERCENT (g)	11.5%	7.1%	10.8%
TERMINAL (d)	4/33 (12%)	2/25 (8%)	2/39 (5%)
FIRST INCIDENCE	631	613	613

---

**STATISTICAL TESTS**

POLY 3	P=0.538N	P=0.375N	P=0.590N
POLY 1.5	P=0.552N	P=0.367N	P=0.607N
POLY 6	P=0.515N	P=0.389N	P=0.565N
COCH-ARM / FISHERS	P=0.571	P=0.357N	P=0.630N
MAX-ISO-POLY-3	P=0.485N	P=0.250N	P=0.458N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Thymus Atrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	41/47 (87%)	42/45 (93%)	40/41 (98%)
POLY-3 RATE (b)	41/46.23	42/44.29	40/41.00
POLY-3 PERCENT (g)	88.7%	94.8%	97.6%
TERMINAL (d)	27/32 (84%)	24/24 (100%)	32/33 (97%)
FIRST INCIDENCE	374	403	513
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.062	P=0.240	P=0.113
POLY 1.5	P=0.058	P=0.259	P=0.099
POLY 6	P=0.063	P=0.194	P=0.125
COCH-ARM / FISHERS	P=0.051	P=0.265	P=0.079
MAX-ISO-POLY-3	P=0.058	P=0.138	P=0.055

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Tooth  
Dysplasia

---

LESION RATES			
OVERALL (a)	11/14 (79%)	8/9 (89%)	9/9 (100%)
POLY-3 RATE (b)	11/13.88	8/9.00	9/9.00
POLY-3 PERCENT (g)	79.3%	88.9%	100%
TERMINAL (d)	6/8 (75%)	3/4 (75%)	9/9 (100%)
FIRST INCIDENCE	501	535	730 (T)

---

STATISTICAL TESTS			
POLY 3	P=0.123	P=0.489	P=0.202
POLY 1.5	P=0.120	P=0.480	P=0.198
POLY 6	P=0.130	P=0.504	P=0.209
COCH-ARM / FISHERS	P=0.115	P=0.483	P=0.206
MAX-ISO-POLY-3	P=0.121	P=0.297	P=0.087

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Adrenal Cortex Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/47.11	0/45.44	0/44.23
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	722	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Adrenal Cortex Hypertrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/47.08	0/45.44	0/44.23
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Adrenal Medulla Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/47.08	0/45.44	1/44.23
POLY-3 PERCENT (g)	2.1%	0%	2.3%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---



Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Bone Marrow Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	4/48.69	3/46.26	2/44.93
POLY-3 PERCENT (g)	8.2%	6.5%	4.5%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	438	561	659
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.302N	P=0.528N	P=0.375N
POLY 1.5	P=0.287N	P=0.516N	P=0.360N
POLY 6	P=0.319N	P=0.546N	P=0.391N
COCH-ARM / FISHERS	P=0.264N	P=0.500N	P=0.339N
MAX-ISO-POLY-3	P=0.333N	P=0.376N	P=0.240N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Bone Marrow: Myeloid Cell  
Hyperplasia**

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	3/46.12	0/44.51
POLY-3 PERCENT (g)	0%	6.5%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	631	---

---

**STATISTICAL TESTS**

POLY 3	P=0.614	P=0.115	(e)
POLY 1.5	P=0.625	P=0.117	(e)
POLY 6	P=0.601	P=0.112	(e)
COCH-ARM / FISHERS	P=0.640	P=0.121	(e)
MAX-ISO-POLY-3	P=0.199	P=0.038*	(e)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
<b>Bone</b>			
<b>Fibro-osseous Lesion</b>			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	31/50 (62%)	19/50 (38%)	10/50 (20%)
POLY-3 RATE (b)	31/47.61	19/47.84	10/45.46
POLY-3 PERCENT (g)	65.1%	39.7%	22%
TERMINAL (d)	27/40 (68%)	10/31 (32%)	8/36 (22%)
FIRST INCIDENCE	663	526	480
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001N**	P=0.009N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.010N**	P<0.001N**
POLY 6	P<0.001N**	P=0.009N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.014N*	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.005N**	P<0.001N**

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Bone: Femur Callus</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Bone: Joint Degeneration**

---

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/47.08	1/45.44	1/44.51
POLY-3 PERCENT (g)	6.4%	2.2%	2.3%
TERMINAL (d)	3/40 (8%)	1/31 (3%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)

---

**STATISTICAL TESTS**

POLY 3	P=0.217N	P=0.318N	P=0.326N
POLY 1.5	P=0.211N	P=0.312N	P=0.317N
POLY 6	P=0.224N	P=0.329N	P=0.336N
COCH-ARM / FISHERS	P=0.202N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.212N	P=0.168N	P=0.175N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Eye			
Cataract			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/47.08	0/45.44	1/44.51
POLY-3 PERCENT (g)	0%	0%	2.3%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	---	---	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Eye: Cornea  
Inflammation

---

LESION RATES			
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	2/46.00	2/44.74
POLY-3 PERCENT (g)	0%	4.4%	4.5%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	1/36 (3%)
FIRST INCIDENCE	---	556	669

---

STATISTICAL TESTS			
POLY 3	P=0.165	P=0.232	P=0.226
POLY 1.5	P=0.170	P=0.235	P=0.231
POLY 6	P=0.160	P=0.227	P=0.221
COCH-ARM / FISHERS	P=0.176	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.148	P=0.076	P=0.076

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Heart Cardiomyopathy			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	2/47.08	5/45.54	5/44.93
POLY-3 PERCENT (g)	4.3%	11%	11.1%
TERMINAL (d)	2/40 (5%)	3/31 (10%)	3/36 (8%)
FIRST INCIDENCE	729 (T)	711	659
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.159	P=0.203	P=0.198
POLY 1.5	P=0.167	P=0.210	P=0.205
POLY 6	P=0.151	P=0.192	P=0.190
COCH-ARM / FISHERS	P=0.178	P=0.218	P=0.218
MAX-ISO-POLY-3	P=0.175	P=0.114	P=0.112

---



Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Heart Mineralization</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/47.08	2/46.09	1/44.84
POLY-3 PERCENT (g)	0%	4.3%	2.2%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	526	638
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.345	P=0.233	P=0.490
POLY 1.5	P=0.351	P=0.235	P=0.494
POLY 6	P=0.338	P=0.227	P=0.486
COCH-ARM / FISHERS	P=0.360	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.203	P=0.076	P=0.158

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Heart: Epicardium  
Inflammation

---

**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/48.40	0/45.44	0/44.51
POLY-3 PERCENT (g)	4.1%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	438	---	---

---

**STATISTICAL TESTS**

POLY 3	P=0.102N	P=0.252N	P=0.256N
POLY 1.5	P=0.099N	P=0.245N	P=0.249N
POLY 6	P=0.106N	P=0.261N	P=0.265N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.071N	P=0.090N	P=0.094N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Heart: Valve  
Inflammation

---

**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/47.86	1/45.99	1/45.22
POLY-3 PERCENT (g)	2.1%	2.2%	2.2%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	438	561	486

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Intestine Small, Jejunum: Peyer's Patch Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/48 (4%)	0/47 (0%)	0/43 (0%)
POLY-3 RATE (b)	2/45.21	0/42.81	0/40.58
POLY-3 PERCENT (g)	4.4%	0%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	709	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.105N	P=0.249N	P=0.261N
POLY 1.5	P=0.104N	P=0.246N	P=0.262N
POLY 6	P=0.105N	P=0.256N	P=0.261N
COCH-ARM / FISHERS	P=0.105N	P=0.253N	P=0.275N
MAX-ISO-POLY-3	P=0.069N	P=0.087N	P=0.093N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Islets, Pancreatic Hyperplasia			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.34	0/44.75	0/44.51
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	660	---	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney</b>			
<b>Hydronephrosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney</b>			
<b>Infiltration Cellular Lymphocyte</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/47.50	0/45.44	1/44.51
POLY-3 PERCENT (g)	4.2%	0%	2.3%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	606	---	729 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.374N	P=0.247N	P=0.523N
POLY 1.5	P=0.369N	P=0.242N	P=0.513N
POLY 6	P=0.381N	P=0.255N	P=0.534N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.227N	P=0.086N	P=0.305N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney Nephropathy</b>			
<b>LESION RATES</b>			
OVERALL (a)	18/50 (36%)	11/50 (22%)	23/50 (46%)
POLY-3 RATE (b)	18/48.52	11/45.94	23/45.55
POLY-3 PERCENT (g)	37.1%	24%	50.5%
TERMINAL (d)	12/40 (30%)	7/31 (23%)	20/36 (56%)
FIRST INCIDENCE	563	645	487
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.118	P=0.121N	P=0.133
POLY 1.5	P=0.139	P=0.106N	P=0.163
POLY 6	P=0.094	P=0.148N	P=0.101
COCH-ARM / FISHERS	P=0.172	P=0.093N	P=0.208
MAX-ISO-POLY-3	P=0.031*	P=0.087N	P=0.100

---



Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney: Papilla Necrosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.27	0/45.44	0/44.51
POLY-3 PERCENT (g)	4.2%	0%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	680	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.100N	P=0.246N	P=0.251N
POLY 1.5	P=0.098N	P=0.242N	P=0.245N
POLY 6	P=0.103N	P=0.254N	P=0.258N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.066N	P=0.085N	P=0.089N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney: Renal Tubule Cyst</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	0/45.44	2/44.51
POLY-3 PERCENT (g)	0%	0%	4.5%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	729 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.094	(e)	P=0.225
POLY 1.5	P=0.094	(e)	P=0.230
POLY 6	P=0.093	(e)	P=0.219
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Kidney: Renal Tubule  
Cytoplasmic Alteration**

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Kidney: Renal Tubule Mineralization</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/47.08	3/46.06	1/45.08
POLY-3 PERCENT (g)	0%	6.5%	2.2%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	---	561	552
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.358	P=0.115	P=0.491
POLY 1.5	P=0.366	P=0.117	P=0.495
POLY 6	P=0.349	P=0.111	P=0.487
COCH-ARM / FISHERS	P=0.378	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.150	P=0.038*	P=0.158

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Kidney: Renal Tubule  
Pigmentation**

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Angiectasis			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/49 (6%)
POLY-3 RATE (b)	0/47.08	1/45.47	3/44.78
POLY-3 PERCENT (g)	0%	2.2%	6.7%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	---	722	552
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.055	P=0.493	P=0.110
POLY 1.5	P=0.056	P=0.496	P=0.112
POLY 6	P=0.054	P=0.487	P=0.107
COCH-ARM / FISHERS	P=0.058	P=0.500	P=0.117
MAX-ISO-POLY-3	P=0.039*	P=0.159	P=0.037*

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Basophilic Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	8/50 (16%)	3/50 (6%)	3/49 (6%)
POLY-3 RATE (b)	8/47.58	3/45.55	3/44.44
POLY-3 PERCENT (g)	16.8%	6.6%	6.8%
TERMINAL (d)	6/40 (15%)	2/31 (7%)	2/36 (6%)
FIRST INCIDENCE	660	702	669
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.072N	P=0.113N	P=0.121N
POLY 1.5	P=0.068N	P=0.106N	P=0.115N
POLY 6	P=0.077N	P=0.125N	P=0.131N
COCH-ARM / FISHERS	P=0.065N	P=0.100N	P=0.106N
MAX-ISO-POLY-3	P=0.077N	P=0.066N	P=0.073N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Clear Cell Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	3/50 (6%)	4/50 (8%)	3/49 (6%)
POLY-3 RATE (b)	3/47.16	4/45.52	3/44.44
POLY-3 PERCENT (g)	6.4%	8.8%	6.8%
TERMINAL (d)	2/40 (5%)	3/31 (10%)	2/36 (6%)
FIRST INCIDENCE	709	711	669
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.548	P=0.481	P=0.635
POLY 1.5	P=0.556	P=0.490	P=0.642
POLY 6	P=0.536	P=0.465	P=0.625
COCH-ARM / FISHERS	P=0.569	P=0.500	P=0.651
MAX-ISO-POLY-3	P=0.545	P=0.333	P=0.470

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Eosinophilic Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	11/50 (22%)	16/50 (32%)	11/49 (22%)
POLY-3 RATE (b)	11/47.67	16/45.87	11/44.22
POLY-3 PERCENT (g)	23.1%	34.9%	24.9%
TERMINAL (d)	8/40 (20%)	11/31 (36%)	11/36 (31%)
FIRST INCIDENCE	563	683	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.451	P=0.150	P=0.517
POLY 1.5	P=0.482	P=0.165	P=0.541
POLY 6	P=0.411	P=0.129	P=0.486
COCH-ARM / FISHERS	P=0.523	P=0.184	P=0.574
MAX-ISO-POLY-3	P=0.328	P=0.106	P=0.421

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver Fatty Change			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	6/50 (12%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	6/47.62	1/45.80	1/44.55
POLY-3 PERCENT (g)	12.6%	2.2%	2.2%
TERMINAL (d)	5/40 (13%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	563	631	638
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.025N*	P=0.063N	P=0.067N
POLY 1.5	P=0.024N*	P=0.060N	P=0.064N
POLY 6	P=0.026N*	P=0.068N	P=0.071N
COCH-ARM / FISHERS	P=0.024N*	P=0.056N	P=0.059N
MAX-ISO-POLY-3	P=0.022N*	P=0.029N*	P=0.033N*

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver  
Fatty Change Focal

---

LESION RATES			
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/49 (6%)
POLY-3 RATE (b)	0/47.08	1/45.44	3/44.53
POLY-3 PERCENT (g)	0%	2.2%	6.7%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	2/36 (6%)
FIRST INCIDENCE	---	729 (T)	644

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STATISTICAL TESTS			
POLY 3	P=0.055	P=0.493	P=0.109
POLY 1.5	P=0.056	P=0.496	P=0.112
POLY 6	P=0.054	P=0.487	P=0.106
COCH-ARM / FISHERS	P=0.058	P=0.500	P=0.117
MAX-ISO-POLY-3	P=0.039*	P=0.159	P=0.037*

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Hematopoietic Cell Proliferation			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	0/47.08	2/45.91	1/44.48
POLY-3 PERCENT (g)	0%	4.4%	2.3%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	631	659
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.343	P=0.232	P=0.489
POLY 1.5	P=0.348	P=0.235	P=0.492
POLY 6	P=0.337	P=0.227	P=0.485
COCH-ARM / FISHERS	P=0.355	P=0.247	P=0.495
MAX-ISO-POLY-3	P=0.201	P=0.076	P=0.157

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Inflammation Chronic			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	5/50 (10%)	1/49 (2%)
POLY-3 RATE (b)	0/47.08	5/46.14	1/44.48
POLY-3 PERCENT (g)	0%	10.8%	2.3%
TERMINAL (d)	0/40 (0%)	2/31 (7%)	0/36 (0%)
FIRST INCIDENCE	---	556	659
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.366	P=0.029*	P=0.489
POLY 1.5	P=0.376	P=0.030*	P=0.492
POLY 6	P=0.355	P=0.027*	P=0.485
COCH-ARM / FISHERS	P=0.391	P=0.028*	P=0.495
MAX-ISO-POLY-3	P=0.083	P=0.010**	P=0.157

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Mixed Cell Focus			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	4/50 (8%)	3/50 (6%)	3/49 (6%)
POLY-3 RATE (b)	4/47.16	3/46.01	3/44.22
POLY-3 PERCENT (g)	8.5%	6.5%	6.8%
TERMINAL (d)	3/40 (8%)	1/31 (3%)	3/36 (8%)
FIRST INCIDENCE	709	619	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.455N	P=0.513N	P=0.535N
POLY 1.5	P=0.445N	P=0.507N	P=0.525N
POLY 6	P=0.468N	P=0.525N	P=0.548N
COCH-ARM / FISHERS	P=0.431N	P=0.500N	P=0.511N
MAX-ISO-POLY-3	P=0.510N	P=0.361N	P=0.383N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Liver</b>			
<b>Tension Lipidosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	4/50 (8%)	3/50 (6%)	4/49 (8%)
POLY-3 RATE (b)	4/47.08	3/45.66	4/44.66
POLY-3 PERCENT (g)	8.5%	6.6%	9%
TERMINAL (d)	4/40 (10%)	2/31 (7%)	2/36 (6%)
FIRST INCIDENCE	729 (T)	673	638
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.549	P=0.517N	P=0.614
POLY 1.5	P=0.556	P=0.508N	P=0.621
POLY 6	P=0.542	P=0.531N	P=0.606
COCH-ARM / FISHERS	P=0.565	P=0.500N	P=0.631
MAX-ISO-POLY-3	P=0.551	P=0.365N	P=0.469

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver: Bile Duct  
Cyst

---

LESION RATES			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.22
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---

---

STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---



Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver: Hepatocyte Hypertrophy			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/47.08	0/45.44	1/44.22
POLY-3 PERCENT (g)	0%	0%	2.3%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	---	---	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver: Hepatocyte  
Necrosis

---

**LESION RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	3/47.41	1/45.44	1/44.78
POLY-3 PERCENT (g)	6.3%	2.2%	2.2%
TERMINAL (d)	1/40 (3%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	663	729 (T)	552

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**STATISTICAL TESTS**

POLY 3	P=0.217N	P=0.321N	P=0.326N
POLY 1.5	P=0.213N	P=0.313N	P=0.320N
POLY 6	P=0.223N	P=0.334N	P=0.334N
COCH-ARM / FISHERS	P=0.207N	P=0.309N	P=0.316N
MAX-ISO-POLY-3	P=0.211N	P=0.170N	P=0.174N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Liver: Kupffer Cell  
Pigmentation

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.22
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Lung			
Infiltration Cellular Histiocyte			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.62	0/45.44	0/44.51
POLY-3 PERCENT (g)	4.2%	0%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	563	---	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.101N	P=0.248N	P=0.253N
POLY 1.5	P=0.098N	P=0.243N	P=0.246N
POLY 6	P=0.104N	P=0.256N	P=0.260N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.067N	P=0.086N	P=0.091N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lung: Alveolar Epithelium Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/47.08	0/45.44	2/44.51
POLY-3 PERCENT (g)	2.1%	0%	4.5%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	729 (T)	---	729 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.357	P=0.507N	P=0.480
POLY 1.5	P=0.359	P=0.504N	P=0.489
POLY 6	P=0.354	P=0.513N	P=0.471
COCH-ARM / FISHERS	P=0.360	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.193	P=0.168N	P=0.270

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
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First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lung: Alveolar Epithelium Hypertrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lymph Node, Mesenteric Hyperplasia Lymphoid</b>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/47.08	0/45.44	1/44.51
POLY-3 PERCENT (g)	2.1%	0%	2.3%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Lymph Node, Mesenteric Infiltration Cellular Histiocyte</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Mesentery: Fat Necrosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/3 (67%)	6/8 (75%)	7/7 (100%)
POLY-3 RATE (b)	2/3.00	6/7.73	7/7.00
POLY-3 PERCENT (g)	66.7%	77.6%	100%
TERMINAL (d)	1/2 (50%)	4/5 (80%)	4/4 (100%)
FIRST INCIDENCE	438	556	487
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.149	P=0.651	P=0.316
POLY 1.5	P=0.151	P=0.660	P=0.316
POLY 6	P=0.147	P=0.633	P=0.316
COCH-ARM / FISHERS	P=0.150	P=0.661	P=0.300
MAX-ISO-POLY-3	P=0.171	P=0.383	P=0.078

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

**Nose Inflammation**

---

**LESION RATES**

OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/47.08	3/45.80	2/45.08
POLY-3 PERCENT (g)	2.1%	6.6%	4.4%
TERMINAL (d)	1/40 (3%)	2/31 (7%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	631	552

---

**STATISTICAL TESTS**

POLY 3	P=0.381	P=0.295	P=0.485
POLY 1.5	P=0.388	P=0.301	P=0.491
POLY 6	P=0.371	P=0.287	P=0.478
COCH-ARM / FISHERS	P=0.399	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.306	P=0.150	P=0.272

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Nose: Respiratory Epithelium  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	8/50 (16%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	8/47.67	3/45.44	1/44.74
POLY-3 PERCENT (g)	16.8%	6.6%	2.2%
TERMINAL (d)	5/40 (13%)	3/31 (10%)	0/36 (0%)
FIRST INCIDENCE	563	729 (T)	669

---

**STATISTICAL TESTS**

POLY 3	P=0.009N**	P=0.114N	P=0.020N*
POLY 1.5	P=0.009N**	P=0.107N	P=0.019N*
POLY 6	P=0.010N**	P=0.127N	P=0.023N*
COCH-ARM / FISHERS	P=0.008N**	P=0.100N	P=0.015N*
MAX-ISO-POLY-3	P=0.009N**	P=0.068N	P=0.010N**

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Ovary			
Angiectasis			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/47.08	3/45.80	1/44.51
POLY-3 PERCENT (g)	0%	6.6%	2.3%
TERMINAL (d)	0/40 (0%)	2/31 (7%)	1/36 (3%)
FIRST INCIDENCE	---	631	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.353	P=0.114	P=0.489
POLY 1.5	P=0.363	P=0.116	P=0.493
POLY 6	P=0.340	P=0.110	P=0.483
COCH-ARM / FISHERS	P=0.378	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.150	P=0.038*	P=0.158

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Ovary Cyst			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	0/45.44	2/44.51
POLY-3 PERCENT (g)	0%	0%	4.5%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.094	(e)	P=0.225
POLY 1.5	P=0.094	(e)	P=0.230
POLY 6	P=0.093	(e)	P=0.219
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Ovary Hemorrhage			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	4.3%	0%	0%
TERMINAL (d)	2/40 (5%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	---	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.100N	P=0.245N	P=0.250N
POLY 1.5	P=0.097N	P=0.241N	P=0.245N
POLY 6	P=0.102N	P=0.252N	P=0.256N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.065N	P=0.084N	P=0.088N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Ovary Inflammation</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	2/45.99	2/45.48
POLY-3 PERCENT (g)	0%	4.4%	4.4%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	---	561	486
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.168	P=0.232	P=0.230
POLY 1.5	P=0.172	P=0.235	P=0.233
POLY 6	P=0.165	P=0.227	P=0.226
COCH-ARM / FISHERS	P=0.176	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.148	P=0.076	P=0.076

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Ovary: Bursa Cyst			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/47.08	0/45.44	1/44.51
POLY-3 PERCENT (g)	4.3%	0%	2.3%
TERMINAL (d)	2/40 (5%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.372N	P=0.245N	P=0.519N
POLY 1.5	P=0.367N	P=0.241N	P=0.511N
POLY 6	P=0.378N	P=0.252N	P=0.529N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.223N	P=0.084N	P=0.302N

---



Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Ovary: Follicle  
Cyst

---

LESION RATES			
OVERALL (a)	7/50 (14%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	7/47.34	6/46.70	4/44.51
POLY-3 PERCENT (g)	14.8%	12.9%	9%
TERMINAL (d)	6/40 (15%)	3/31 (10%)	4/36 (11%)
FIRST INCIDENCE	660	526	729 (T)

---

STATISTICAL TESTS			
POLY 3	P=0.251N	P=0.510N	P=0.297N
POLY 1.5	P=0.236N	P=0.504N	P=0.282N
POLY 6	P=0.270N	P=0.526N	P=0.316N
COCH-ARM / FISHERS	P=0.215N	P=0.500N	P=0.262N
MAX-ISO-POLY-3	P=0.289N	P=0.392N	P=0.205N

---

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Skin			
Ulcer			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.50	0/45.44	0/44.51
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	606	---	---
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Spleen Atrophy</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	1/45.51	2/45.39
POLY-3 PERCENT (g)	0%	2.2%	4.4%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	712	552
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.138	P=0.493	P=0.229
POLY 1.5	P=0.140	P=0.497	P=0.232
POLY 6	P=0.136	P=0.488	P=0.226
COCH-ARM / FISHERS	P=0.142	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.104	P=0.159	P=0.076

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Spleen  
Hematopoietic Cell Proliferation

---

**LESION RATES**

OVERALL (a)	5/50 (10%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	5/48.55	4/46.34	3/45.31
POLY-3 PERCENT (g)	10.3%	8.6%	6.6%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	563	561	624

---

**STATISTICAL TESTS**

POLY 3	P=0.329N	P=0.529N	P=0.395N
POLY 1.5	P=0.314N	P=0.515N	P=0.380N
POLY 6	P=0.348N	P=0.551N	P=0.414N
COCH-ARM / FISHERS	P=0.290N	P=0.500N	P=0.357N
MAX-ISO-POLY-3	P=0.376N	P=0.392N	P=0.271N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Spleen			
Hyperplasia Lymphoid			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	10/50 (20%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	10/47.62	4/45.75	6/44.51
POLY-3 PERCENT (g)	21%	8.7%	13.5%
TERMINAL (d)	8/40 (20%)	3/31 (10%)	6/36 (17%)
FIRST INCIDENCE	631	645	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.177N	P=0.084N	P=0.250N
POLY 1.5	P=0.166N	P=0.079N	P=0.231N
POLY 6	P=0.193N	P=0.094N	P=0.275N
COCH-ARM / FISHERS	P=0.152N	P=0.074N	P=0.207N
MAX-ISO-POLY-3	P=0.130N	P=0.050N*	P=0.179N

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Spleen</b>			
Pigmentation Hemosiderin			
<b>LESION RATES</b>			
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/47.08	1/45.52	0/44.51
POLY-3 PERCENT (g)	2.1%	2.2%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	711	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Spleen: Lymphoid Follicle Atrophy

---

LESION RATES			
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/47.94	1/45.52	1/44.84
POLY-3 PERCENT (g)	4.2%	2.2%	2.2%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	438	711	638

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STATISTICAL TESTS			
POLY 3	P=0.402N	P=0.518N	P=0.523N
POLY 1.5	P=0.393N	P=0.510N	P=0.514N
POLY 6	P=0.411N	P=0.530N	P=0.533N
COCH-ARM / FISHERS	P=0.378N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.408N	P=0.300N	P=0.306N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Forestomach Hyperkeratosis</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/47.11	2/45.62	1/45.08
POLY-3 PERCENT (g)	4.3%	4.4%	2.2%
TERMINAL (d)	1/40 (3%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	722	683	552
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.411N	P=0.682	P=0.515N
POLY 1.5	P=0.403N	P=0.688	P=0.509N
POLY 6	P=0.420N	P=0.673	P=0.523N
COCH-ARM / FISHERS	P=0.390N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.417N	P=0.486	P=0.297N



Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

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Stomach, Forestomach  
Infiltration Cellular Mononuclear Cell

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**LESION RATES**

OVERALL (a)	2/50 (4%)	13/50 (26%)	33/50 (66%)
POLY-3 RATE (b)	2/47.43	13/46.67	33/46.80
POLY-3 PERCENT (g)	4.2%	27.9%	70.5%
TERMINAL (d)	1/40 (3%)	7/31 (23%)	28/36 (78%)
FIRST INCIDENCE	631	619	487

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**STATISTICAL TESTS**

POLY 3	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.002**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
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First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Forestomach Inflammation</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	14/50 (28%)	41/50 (82%)
POLY-3 RATE (b)	2/47.43	14/46.55	41/48.32
POLY-3 PERCENT (g)	4.2%	30.1%	84.9%
TERMINAL (d)	1/40 (3%)	8/31 (26%)	31/36 (86%)
FIRST INCIDENCE	631	619	487
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
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First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Forestomach Ulcer</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	15/50 (30%)	40/50 (80%)
POLY-3 RATE (b)	2/47.43	15/46.73	40/48.32
POLY-3 PERCENT (g)	4.2%	32.1%	82.8%
TERMINAL (d)	1/40 (3%)	8/31 (26%)	30/36 (83%)
FIRST INCIDENCE	631	619	487
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20320 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Tetrabromobisphenol A  
 CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
 Time Report Requested: 11:54:26  
 First Dose M/F: 08/07/07 / 08/06/07  
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Forestomach: Epithelium Dysplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	0/45.44	2/44.51
POLY-3 PERCENT (g)	0%	0%	4.5%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	729 (T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.094	(e)	P=0.225
POLY 1.5	P=0.094	(e)	P=0.230
POLY 6	P=0.093	(e)	P=0.219
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	4/50 (8%)	16/50 (32%)	39/50 (78%)
POLY-3 RATE (b)	4/47.54	16/46.73	39/47.44
POLY-3 PERCENT (g)	8.4%	34.2%	82.2%
TERMINAL (d)	1/40 (3%)	9/31 (29%)	31/36 (86%)
FIRST INCIDENCE	631	619	487
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001**	P=0.002**	P<0.001**
POLY 1.5	P<0.001**	P=0.002**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.003**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg

---

Stomach, Forestomach: Epithelium  
Metaplasia Glandular

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/47.08	0/45.44	2/44.51
POLY-3 PERCENT (g)	0%	0%	4.5%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	729 (T)

---

**STATISTICAL TESTS**

POLY 3	P=0.094	(e)	P=0.225
POLY 1.5	P=0.094	(e)	P=0.230
POLY 6	P=0.093	(e)	P=0.219
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

---

Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Tetrabromobisphenol A  
CAS Number: 79-94-7

Date Report Requested: 04/24/2013  
Time Report Requested: 11:54:26  
First Dose M/F: 08/07/07 / 08/06/07  
Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Stomach, Glandular Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

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Date Report Requested: 04/24/2013

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First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

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DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Thymus Atrophy			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	29/50 (58%)	24/50 (48%)	21/48 (44%)
POLY-3 RATE (b)	29/50.00	24/48.04	21/47.23
POLY-3 PERCENT (g)	58%	50%	44.5%
TERMINAL (d)	19/40 (48%)	12/31 (39%)	10/34 (29%)
FIRST INCIDENCE	438	526	480
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.107N	P=0.276N	P=0.129N
POLY 1.5	P=0.101N	P=0.246N	P=0.121N
POLY 6	P=0.117N	P=0.321N	P=0.141N
COCH-ARM / FISHERS	P=0.095N	P=0.212N	P=0.113N
MAX-ISO-POLY-3	P=0.128N	P=0.217N	P=0.095N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 04/24/2013

Time Report Requested: 11:54:26

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Tooth Dysplasia			
<hr/>			
<b>LESION RATES</b>			
OVERALL (a)	1/1 (100%)	1/1 (100%)	1/1 (100%)
POLY-3 RATE (b)	1/1.00	1/1.00	1/1.00
POLY-3 PERCENT (g)	100%	100%	100%
TERMINAL (d)	1/1 (100%)	1/1 (100%)	1/1 (100%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)
<hr/>			
<b>STATISTICAL TESTS</b>			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Uterus Inflammation</b>			
<b>LESION RATES</b>			
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/48.40	1/45.44	0/44.51
POLY-3 PERCENT (g)	4.1%	2.2%	0%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	438	729 (T)	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.160N	P=0.522N	P=0.256N
POLY 1.5	P=0.153N	P=0.512N	P=0.249N
POLY 6	P=0.169N	P=0.536N	P=0.265N
COCH-ARM / FISHERS	P=0.142N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.130N	P=0.305N	P=0.094N

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Experiment Number: 20320 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Lab: BAT

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

---

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<b>Uterus: Endometrium Hyperplasia Cystic</b>			
<b>LESION RATES</b>			
OVERALL (a)	35/50 (70%)	35/50 (70%)	29/50 (58%)
POLY-3 RATE (b)	35/47.90	35/48.27	29/45.71
POLY-3 PERCENT (g)	73.1%	72.5%	63.4%
TERMINAL (d)	29/40 (73%)	24/31 (77%)	25/36 (69%)
FIRST INCIDENCE	660	556	487
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.183N	P=0.568N	P=0.211N
POLY 1.5	P=0.153N	P=0.569N	P=0.180N
POLY 6	P=0.232N	P=0.584N	P=0.264N
COCH-ARM / FISHERS	P=0.123N	P=0.586N	P=0.149N
MAX-ISO-POLY-3	P=0.217N	P=0.474N	P=0.157N

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Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Tetrabromobisphenol A

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Lab: BAT

**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 \*\*\*