

Experiment Number: 20321 - 01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
Time Report Requested: 11:06:13
First Dose M/F: 01/09/06 / 01/10/06
Lab: BAT

F1_Rev.1_R2

NTP Study Number: C20321
Lock Date: 01/05/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.2_002
PWG Approval Date: NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF TETRABROMOBISPHENOL A-BIS(2,3-DIBROMOPROPYL ETHER)

MALE RATS

Organ

Epididymis
Kidney
Lung

Morphology

Inflammation Chronic
Nephropathy
Inflammation Chronic
Inflammation Granulomatous
Metaplasia Osseous

FEMALE RATS

Organ

Clitoral Gland
Liver
Lung

Morphology

Inflammation Chronic
Inflammation Chronic
Inflammation Acute
Inflammation Chronic
Inflammation Granulomatous
Cyst

Ovary: Left

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Epididymis Inflammation Chronic						
LESION RATES						
OVERALL (a)	5/10 (50%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	5/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	0%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.731N	(e)	(e)	(e)	P=0.008N**
POLY 1.5	(e)	P=0.643N	(e)	(e)	(e)	P=0.008N**
POLY 6	(e)	P=0.758N	(e)	(e)	(e)	P=0.008N**
COCH-ARM / FISHERS	P=0.017N*	P=0.318N	(e)	(e)	(e)	P=0.016N*
MAX-ISO-POLY-3	(e)	P=0.469N	(e)	(e)	(e)	P<0.001N**

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.801N	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	P=0.770N	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	P=0.811N	(e)	(e)	(e)	P=0.227N
COCH-ARM / FISHERS	P=0.157N	P=0.682N	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	P=0.484N	(e)	(e)	(e)	P=0.066N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.106	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.066

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland: Bilateral Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland: Bilateral Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.274	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL (a)	10/10 (100%)	2/2 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	2/2.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	0%	0%	0%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	37	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Heart						
Infiltration Cellular Mixed Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.331N	P=0.833N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.158N

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Heart						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Heart Pigmentation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.331N	P=0.833N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.158N

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Intestine Large, Colon: Serosa Parasite Metazoan						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.274	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Intestine Large, Rectum Parasite Metazoan						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.106	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.066

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Kidney						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.321	P=0.833N	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.274

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Kidney Mineralization						
LESION RATES						
OVERALL (a)	8/10 (80%)	1/2 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)
POLY-3 RATE (b)	8/10.00	1/1.06	0/0.00	0/0.00	0/0.00	6/10.00
POLY-3 PERCENT (g)	80%	94.1%	0%	0%	0%	60%
TERMINAL (d)	8/10 (80%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)
FIRST INCIDENCE	93 (T)	40	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.754	(e)	(e)	(e)	P=0.318N
POLY 1.5	(e)	P=0.825N	(e)	(e)	(e)	P=0.318N
POLY 6	(e)	P=0.728	(e)	(e)	(e)	P=0.318N
COCH-ARM / FISHERS	P=0.292N	P=0.455N	(e)	(e)	(e)	P=0.314N
MAX-ISO-POLY-3	(e)	P=0.424	(e)	(e)	(e)	P=0.172N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	10/10 (100%)	1/2 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	1/1.06	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	94.1%	0%	0%	0%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	40	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	P=1.000N	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=1.000N	(e)	(e)	(e)	(e)
POLY 6	(e)	P=1.000N	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.380	P=0.167N	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.019N*	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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First Dose M/F: 01/09/06 / 01/10/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	8/8 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	37	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Liver						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	8/8 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	37	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	1/8.14	0/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	10%	12.3%	0%	0%	10%	10%
TERMINAL (d)	1/10 (10%)	1/8 (13%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	93 (T)	---	---	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.494	P=0.713	P=0.500N	P=0.500N	P=0.760	P=0.760
POLY 1.5	P=0.493	P=0.725	P=0.500N	P=0.500N	P=0.760	P=0.760
POLY 6	P=0.494	P=0.709	P=0.500N	P=0.500N	P=0.760	P=0.760
COCH-ARM / FISHERS	P=0.487	P=0.763N	P=0.500N	P=0.500N	P=0.763N	P=0.763N
MAX-ISO-POLY-3	P=0.299N	P=0.445	P=0.158N	P=0.158N	P=1.000	P=1.000

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung						
Inflammation Acute						
LESION RATES						
OVERALL (a)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	20%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/8 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	37	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.277N	P=0.227	(e)	(e)	(e)	(e)
POLY 1.5	P=0.277N	P=0.227	(e)	(e)	(e)	(e)
POLY 6	P=0.277N	P=0.227	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.285N	P=0.237	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.096N	P=0.066	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
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Date Report Requested: 10/15/2014
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	7/10 (70%)	1/10 (10%)	9/10 (90%)	6/10 (60%)	8/10 (80%)	7/10 (70%)
POLY-3 RATE (b)	7/10.00	1/8.14	9/10.00	6/10.00	8/10.00	7/10.00
POLY-3 PERCENT (g)	70%	12.3%	90%	60%	80%	70%
TERMINAL (d)	7/10 (70%)	1/8 (13%)	9/10 (90%)	6/10 (60%)	8/10 (80%)	7/10 (70%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.291	P=0.013N*	P=0.292	P=0.500N	P=0.500	P=0.678
POLY 1.5	P=0.259	P=0.009N**	P=0.292	P=0.500N	P=0.500	P=0.678
POLY 6	P=0.302	P=0.014N*	P=0.292	P=0.500N	P=0.500	P=0.678
COCH-ARM / FISHERS	P=0.181	P=0.010N**	P=0.291	P=0.500N	P=0.500	P=0.686N
MAX-ISO-POLY-3	P=0.057	P=0.006N**	P=0.136	P=0.325N	P=0.310	P=1.000

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung						
Inflammation Granulomatous						
LESION RATES						
OVERALL (a)	0/10 (0%)	4/10 (40%)	8/10 (80%)	8/10 (80%)	6/10 (60%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	4/8.14	8/10.00	8/10.00	6/10.00	2/10.00
POLY-3 PERCENT (g)	0%	49.1%	80%	80%	60%	20%
TERMINAL (d)	0/10 (0%)	4/8 (50%)	8/10 (80%)	8/10 (80%)	6/10 (60%)	2/10 (20%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.237N	P=0.014*	P<0.001**	P<0.001**	P<0.001**	P=0.227
POLY 1.5	P=0.251N	P=0.017*	P<0.001**	P<0.001**	P<0.001**	P=0.227
POLY 6	P=0.233N	P=0.013*	P<0.001**	P<0.001**	P<0.001**	P=0.227
COCH-ARM / FISHERS	P=0.341N	P=0.043*	P<0.001**	P<0.001**	P=0.005**	P=0.237
MAX-ISO-POLY-3	P<0.001**	P=0.005**	P<0.001**	P<0.001**	P<0.001**	P=0.066

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung						
Metaplasia Osseous						
LESION RATES						
OVERALL (a)	1/10 (10%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	2/8.14	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	24.6%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	2/8 (25%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.168N	P=0.426	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.163N	P=0.443	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.169N	P=0.420	P=0.500N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.153N	P=0.500	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.042N*	P=0.234	P=0.158N	P=0.158N	P=0.158N	P=0.158N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung: Bronchiole Metaplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/8.14	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/8 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lymph Node, Mesenteric Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	10/10 (100%)	9/9 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	9/9.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	8/8 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	40	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mesentery: Fat Necrosis						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Nose						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.274	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Nose: Squamous Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Oral Mucosa						
Cyst Focal						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pancreas						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.331N	P=0.833N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.158N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pancreas: Acinus Atrophy						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.801N	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.770N	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.811N	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.435N	P=0.682N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.484N	(e)	(e)	(e)	P=0.274N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pancreas: Arteriole Inflammation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.331N	P=0.833N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.158N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland Cyst						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Preputial Gland Inflammation						
LESION RATES						
OVERALL (a)	3/10 (30%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	3/10.00	0/0.14	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	30%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.763N	(e)	(e)	(e)	P=0.678
POLY 1.5	(e)	P=0.713N	(e)	(e)	(e)	P=0.678
POLY 6	(e)	P=0.779N	(e)	(e)	(e)	P=0.678
COCH-ARM / FISHERS	P=0.504	P=0.545N	(e)	(e)	(e)	P=0.686N
MAX-ISO-POLY-3	(e)	P=0.479N	(e)	(e)	(e)	P=1.000

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Prostate Inflammation Chronic						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.331N	P=0.833N	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.158N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Spleen: Lymphoid Follicle Depletion Cellular						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Stomach, Glandular: Muscularis Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.274	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Trachea						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.14	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	P=0.877N	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	P=0.866N	(e)	(e)	(e)	P=0.500
POLY 6	(e)	P=0.880N	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.321	P=0.833N	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	P=0.489N	(e)	(e)	(e)	P=0.274

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Urinary Bladder Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.274	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Urinary Bladder: Muscularis Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.14	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.274	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Clitoral Gland Inflammation Chronic						
LESION RATES						
OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	32.7%	0%	0%	0%	0%	0%
TERMINAL (d)	3/9 (33%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.079N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.083N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.076N
COCH-ARM / FISHERS	P=0.059N	(e)	(e)	(e)	(e)	P=0.105N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.023N*

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/9.17	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10.9%	0%	0%	0%	0%	10%
TERMINAL (d)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.741N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.747N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.738N
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.474N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland Inflammation Chronic						
LESION RATES						
OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	3/9.17	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	32.7%	0%	0%	0%	0%	30%
TERMINAL (d)	3/9 (33%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.635N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.649N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.627N
COCH-ARM / FISHERS	P=0.596	(e)	(e)	(e)	(e)	P=0.686N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.451N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland: Bilateral Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.517
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.512
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.520
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.180

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland: Bilateral Inflammation Chronic						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10.9%	0%	0%	0%	0%	0%
TERMINAL (d)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.483N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.488N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.480N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL (a)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	9/10 (90%)
POLY-3 RATE (b)	9/9.17	0/0.00	0/0.00	0/0.00	0/0.00	9/10.00
POLY-3 PERCENT (g)	98.2%	0%	0%	0%	0%	90%
TERMINAL (d)	9/9 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	9/10 (90%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.583N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.659N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.532N
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.231N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Heart						
Infiltration Cellular Mixed Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Heart						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	51	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Heart Pigmentation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Intestine Large, Colon: Serosa						
Parasite Metazoan						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Intestine Large, Rectum Parasite Metazoan						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.517
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.512
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.520
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.180

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Kidney						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.517
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.512
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.520
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.180

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Kidney Mineralization						
LESION RATES						
OVERALL (a)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
POLY-3 RATE (b)	7/10.00	0/0.00	0/0.00	0/0.00	0/0.00	5/10.00
POLY-3 PERCENT (g)	70%	0%	0%	0%	0%	50%
TERMINAL (d)	6/9 (67%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
FIRST INCIDENCE	51	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.329N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.329N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.329N
COCH-ARM / FISHERS	P=0.247N	(e)	(e)	(e)	(e)	P=0.325N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.188N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	1/9 (11%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	51	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.377N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.274N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	8/10 (80%)	8/8 (100%)	8/8 (100%)	9/9 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	8/9.17	8/8.00	8/8.00	9/9.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	87.3%	100%	100%	100%	100%	100%
TERMINAL (d)	8/9 (89%)	8/8 (100%)	8/8 (100%)	9/9 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.360	P=0.466	P=0.466	P=0.439	P=0.415	P=0.415
POLY 1.5	P=0.282	P=0.390	P=0.390	P=0.361	P=0.334	P=0.334
POLY 6	P=0.412	P=0.514	P=0.514	P=0.490	P=0.468	P=0.468
COCH-ARM / FISHERS	P=0.189	P=0.294	P=0.294	P=0.263	P=0.237	P=0.237
MAX-ISO-POLY-3	P=0.027*	P=0.141	P=0.141	P=0.128	P=0.121	P=0.121

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Liver						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/8 (0%)	0/8 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/8.00	0/8.00	0/9.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/8 (0%)	0/8 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lung						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	2/10 (20%)	1/10 (10%)	2/10 (20%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/9.17	1/10.00	2/10.00	2/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	21.8%	10%	20%	20%	0%	0%
TERMINAL (d)	2/9 (22%)	1/10 (10%)	2/10 (20%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.078N	P=0.469N	P=0.670N	P=0.670N	P=0.206N	P=0.206N
POLY 1.5	P=0.080N	P=0.478N	P=0.680N	P=0.680N	P=0.212N	P=0.212N
POLY 6	P=0.078N	P=0.463N	P=0.664N	P=0.664N	P=0.202N	P=0.202N
COCH-ARM / FISHERS	P=0.080N	P=0.500N	P=0.709N	P=0.709N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.078N	P=0.256N	P=0.462N	P=0.462N	P=0.064N	P=0.064N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lung						
Inflammation Acute						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	51	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.416N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.041N*	P=0.158N	P=0.158N	P=0.158N	P=0.158N	P=0.158N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lung						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	1/10 (10%)	4/10 (40%)	3/10 (30%)	6/10 (60%)	6/10 (60%)	8/10 (80%)
POLY-3 RATE (b)	1/9.17	4/10.00	3/10.00	6/10.00	6/10.00	8/10.00
POLY-3 PERCENT (g)	10.9%	40%	30%	60%	60%	80%
TERMINAL (d)	1/9 (11%)	4/10 (40%)	3/10 (30%)	6/10 (60%)	6/10 (60%)	8/10 (80%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.002**	P=0.176	P=0.325	P=0.027*	P=0.027*	P<0.001**
POLY 1.5	P<0.001**	P=0.167	P=0.315	P=0.024*	P=0.024*	P<0.001**
POLY 6	P=0.002**	P=0.182	P=0.332	P=0.030*	P=0.030*	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P=0.152	P=0.291	P=0.029*	P=0.029*	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P=0.081	P=0.169	P=0.010**	P=0.010**	P<0.001**

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lung						
Inflammation Granulomatous						
LESION RATES						
OVERALL (a)	0/10 (0%)	3/10 (30%)	6/10 (60%)	6/10 (60%)	6/10 (60%)	5/10 (50%)
POLY-3 RATE (b)	0/9.17	3/10.00	6/10.00	6/10.00	6/10.00	5/10.00
POLY-3 PERCENT (g)	0%	30%	60%	60%	60%	50%
TERMINAL (d)	0/9 (0%)	3/10 (30%)	6/10 (60%)	6/10 (60%)	6/10 (60%)	5/10 (50%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.103	P=0.112	P=0.002**	P=0.002**	P=0.002**	P=0.012*
POLY 1.5	P=0.094	P=0.106	P=0.002**	P=0.002**	P=0.002**	P=0.011*
POLY 6	P=0.108	P=0.115	P=0.002**	P=0.002**	P=0.002**	P=0.013*
COCH-ARM / FISHERS	P=0.087	P=0.105	P=0.005**	P=0.005**	P=0.005**	P=0.016*
MAX-ISO-POLY-3	P=0.006**	P=0.036*	P<0.001**	P<0.001**	P<0.001**	P=0.003**

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lung						
Metaplasia Osseous						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/10.00	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.690N	(e)	(e)	P=0.517	(e)	(e)
POLY 1.5	P=0.692N	(e)	(e)	P=0.512	(e)	(e)
POLY 6	P=0.689N	(e)	(e)	P=0.520	(e)	(e)
COCH-ARM / FISHERS	P=0.699N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.297	(e)	(e)	P=0.180	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lung: Bronchiole Metaplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.17	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	P=0.109	(e)	(e)	(e)	(e)	P=0.517
POLY 1.5	P=0.108	(e)	(e)	(e)	(e)	P=0.512
POLY 6	P=0.109	(e)	(e)	(e)	(e)	P=0.520
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.056	(e)	(e)	(e)	(e)	P=0.180

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Lymph Node, Mesenteric Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	9/9 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	51	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Mesentery: Fat Necrosis						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Nose						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Nose: Squamous Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.517
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.512
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.520
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.180

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Oral Mucosa						
Cyst Focal						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Ovary: Left						
Cyst						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	1/1.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	93 (T)	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P<0.001**	(e)	(e)	(e)
POLY 1.5	(e)	(e)	P<0.001**	(e)	(e)	(e)
POLY 6	(e)	(e)	P<0.001**	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.412N	(e)	P=0.091	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	P<0.001**	(e)	(e)	(e)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Pancreas						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Pancreas: Acinus Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Pancreas: Arteriole Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland Cyst						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.517
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.512
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.520
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.180

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Spleen: Lymphoid Follicle Depletion Cellular						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	51	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158N

Experiment Number: 20321 - 01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
Time Report Requested: 11:06:13
First Dose M/F: 01/09/06 / 01/10/06
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Stomach, Glandular: Muscularis Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Trachea						
Infiltration Cellular Mononuclear Cell						
LESION RATES						
OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	5/9.17	0/0.00	0/0.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	54.6%	0%	0%	0%	0%	40%
TERMINAL (d)	5/9 (56%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
FIRST INCIDENCE	93 (T)	---	---	---	---	93 (T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.432N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.452N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.420N
COCH-ARM / FISHERS	P=0.411N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.279N

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
 Time Report Requested: 11:06:13
 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Urinary Bladder Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
 CAS Number: 21850-44-2

Date Report Requested: 10/15/2014
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 First Dose M/F: 01/09/06 / 01/10/06
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F344/N Tac)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Urinary Bladder: Muscularis Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.17	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20321 - 01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F344/N Tac

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)
CAS Number: 21850-44-2

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First Dose M/F: 01/09/06 / 01/10/06
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 ***