

Experiment Number: 20320 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/23/2013
Time Report Requested: 15:06:23
First Dose M/F: 07/25/07 / 07/26/07
Lab: BAT

F1_Rev.1_RE

NTP Study Number:	C20320		
Lock Date:	03/24/2011		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
	25018 DACC		
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.1.0_004		
PWG Approval Date:	NONE		

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

Adrenal Medulla

Brain

Islets, Pancreatic

Liver

Lung

Ovary

Pituitary Gland

Testes

Thymus

Thyroid Gland

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

MALE RATS

Organ

Pituitary Gland: Pars Distalis or Unspecified Site

Skin

Testes

All Organs

Morphology

Adenoma

Carcinoma or Adenoma

Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

Keratoacanthoma

Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma

Squamous Cell Papilloma, Papilloma, or Keratoacanthoma

Adenoma

Hemangiosarcoma

Hemangiosarcoma or Hemangioma

FEMALE RATS

Organ

Adrenal Medulla

Lung

Mammary Gland

Pituitary Gland: Pars Intermedia

Skin

Thyroid Gland: Follicular Cell

Uterus

All Organs

Morphology

Pheochromocytoma Benign

Alveolar/Bronchiolar Adenoma

Adenoma

Carcinoma

Adenoma

Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

Adenoma

Carcinoma or Adenoma

Adenoma

Carcinoma

Malignant Mixed Mullerian Tumor

Hemangiosarcoma

Hemangiosarcoma or Hemangioma

Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/39.40	0/41.78	1/44.86	0/44.14
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	1/38 (3%)	0/39 (0%)
FIRST INCIDENCE	---	---	727 (T)	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/39.40	1/41.99	1/44.86	0/44.14
POLY-3 PERCENT (g)	0%	2.4%	2.2%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	1/38 (3%)	0/39 (0%)
FIRST INCIDENCE	---	673	727 (T)	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Brain				
Glioma Malignant				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/39.72	0/41.78	2/45.21	2/44.14
POLY-3 PERCENT (g)	2.5%	0%	4.4%	4.5%
TERMINAL (d)	1/33 (3%)	0/28 (0%)	2/38 (5%)	2/39 (5%)
FIRST INCIDENCE	727 (T)	---	727 (T)	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.275	P=0.490N	P=0.545	P=0.537
POLY 1.5	P=0.267	P=0.490N	P=0.535	P=0.529
POLY 6	P=0.286	P=0.494N	P=0.551	P=0.543
COCH-ARM / FISHERS	P=0.245	P=0.500N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.324	P=0.158N	P=0.329	P=0.320
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.72	1/42.17	0/45.21	0/44.14
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	---	618	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/39.72	0/41.78	0/45.21	1/44.14
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	1/39 (3%)
FIRST INCIDENCE	---	---	---	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lymph Node, Mesenteric Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/39.72	2/41.99	1/45.48	0/44.14
POLY-3 PERCENT (g)	2.5%	4.8%	2.2%	0%
TERMINAL (d)	1/33 (3%)	1/28 (4%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	727 (T)	673	654	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.220N	P=0.519	P=0.730N	P=0.479N
POLY 1.5	P=0.226N	P=0.518	P=0.737N	P=0.483N
POLY 6	P=0.216N	P=0.514	P=0.724N	P=0.475N
COCH-ARM / FISHERS	P=0.247N	P=0.500	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.240N	P=0.301	P=0.463N	P=0.158N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland				
Fibroma, Fibroadenoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/39.72	0/41.78	0/45.21	0/44.14
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	21/50 (42%)	24/49 (49%)	14/50 (28%)	16/48 (33%)
POLY-3 RATE (b)	21/44.30	24/45.77	14/46.95	16/43.19
POLY-3 PERCENT (g)	47.4%	52.4%	29.8%	37%
TERMINAL (d)	11/33 (33%)	10/28 (36%)	9/38 (24%)	14/38 (37%)
FIRST INCIDENCE	485	397	511	608
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.395	P=0.063N	P=0.221N
POLY 1.5	P=0.077N	P=0.387	P=0.064N	P=0.206N
POLY 6	P=0.096N	P=0.381	P=0.068N	P=0.246N
COCH-ARM / FISHERS	P=0.101N	P=0.310	P=0.104N	P=0.250N
MAX-ISO-POLY-3	P=0.088N	P=0.320	P=0.044N*	P=0.163N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	21/50 (42%)	24/49 (49%)	14/50 (28%)	16/48 (33%)
POLY-3 RATE (b)	21/44.30	24/45.77	14/46.95	16/43.19
POLY-3 PERCENT (g)	47.4%	52.4%	29.8%	37%
TERMINAL (d)	11/33 (33%)	10/28 (36%)	9/38 (24%)	14/38 (37%)
FIRST INCIDENCE	485	397	511	608
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.395	P=0.063N	P=0.221N
POLY 1.5	P=0.077N	P=0.387	P=0.064N	P=0.206N
POLY 6	P=0.096N	P=0.381	P=0.068N	P=0.246N
COCH-ARM / FISHERS	P=0.101N	P=0.310	P=0.104N	P=0.250N
MAX-ISO-POLY-3	P=0.088N	P=0.320	P=0.044N*	P=0.163N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland: Pars Intermedia Adenoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/49 (2%)	3/50 (6%)	2/48 (4%)
POLY-3 RATE (b)	2/39.72	1/41.14	3/45.21	2/42.57
POLY-3 PERCENT (g)	5%	2.4%	6.6%	4.7%
TERMINAL (d)	2/33 (6%)	1/28 (4%)	3/38 (8%)	2/38 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.534	P=0.488N	P=0.559	P=0.669N
POLY 1.5	P=0.522	P=0.490N	P=0.546	P=0.678N
POLY 6	P=0.551	P=0.493N	P=0.567	P=0.661N
COCH-ARM / FISHERS	P=0.485	P=0.508N	P=0.500	P=0.676
MAX-ISO-POLY-3	P=0.546	P=0.274N	P=0.384	P=0.472N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Basal Cell Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/39.85	1/42.23	0/45.21	0/44.14
POLY-3 PERCENT (g)	5%	2.4%	0%	0%
TERMINAL (d)	1/33 (3%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	695	596	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.097N	P=0.480N	P=0.210N	P=0.215N
POLY 1.5	P=0.098N	P=0.482N	P=0.216N	P=0.219N
POLY 6	P=0.096N	P=0.485N	P=0.207N	P=0.211N
COCH-ARM / FISHERS	P=0.101N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.077N	P=0.269N	P=0.075N	P=0.075N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/39.85	1/42.23	0/45.21	0/44.14
POLY-3 PERCENT (g)	5%	2.4%	0%	0%
TERMINAL (d)	1/33 (3%)	0/28 (0%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	695	596	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.097N	P=0.480N	P=0.210N	P=0.215N
POLY 1.5	P=0.098N	P=0.482N	P=0.216N	P=0.219N
POLY 6	P=0.096N	P=0.485N	P=0.207N	P=0.211N
COCH-ARM / FISHERS	P=0.101N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.077N	P=0.269N	P=0.075N	P=0.075N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	1/50 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	7/39.85	1/42.23	2/45.43	3/44.57
POLY-3 PERCENT (g)	17.6%	2.4%	4.4%	6.7%
TERMINAL (d)	6/33 (18%)	0/28 (0%)	0/38 (0%)	2/39 (5%)
FIRST INCIDENCE	695	596	673	605
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.159N	P=0.023N*	P=0.051N	P=0.114N
POLY 1.5	P=0.165N	P=0.024N*	P=0.057N	P=0.124N
POLY 6	P=0.150N	P=0.024N*	P=0.047N*	P=0.106N
COCH-ARM / FISHERS	P=0.178N	P=0.030N*	P=0.080N	P=0.159N
MAX-ISO-POLY-3	P=0.024N*	P=0.011N*	P=0.030N*	P=0.072N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/39.72	1/41.78	2/45.21	0/44.14
POLY-3 PERCENT (g)	0%	2.4%	4.4%	0%
TERMINAL (d)	0/33 (0%)	1/28 (4%)	2/38 (5%)	0/39 (0%)
FIRST INCIDENCE	---	727 (T)	727 (T)	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.575N	P=0.510	P=0.267	(e)
POLY 1.5	P=0.584N	P=0.510	P=0.260	(e)
POLY 6	P=0.566N	P=0.506	P=0.272	(e)
COCH-ARM / FISHERS	P=0.616N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.355N	P=0.171	P=0.104	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/39.72	2/41.91	3/46.05	1/44.14
POLY-3 PERCENT (g)	0%	4.8%	6.5%	2.3%
TERMINAL (d)	0/33 (0%)	1/28 (4%)	2/38 (5%)	1/39 (3%)
FIRST INCIDENCE	---	694	393	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.508	P=0.249	P=0.148	P=0.521
POLY 1.5	P=0.494	P=0.248	P=0.140	P=0.517
POLY 6	P=0.522	P=0.245	P=0.152	P=0.525
COCH-ARM / FISHERS	P=0.444	P=0.247	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.233	P=0.087	P=0.063	P=0.184
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/39.72	0/41.78	1/45.23	2/44.14
POLY-3 PERCENT (g)	10.1%	0%	2.2%	4.5%
TERMINAL (d)	4/33 (12%)	0/28 (0%)	0/38 (0%)	2/39 (5%)
FIRST INCIDENCE	727 (T)	---	723	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.362N	P=0.053N	P=0.142N	P=0.289N
POLY 1.5	P=0.366N	P=0.054N	P=0.150N	P=0.299N
POLY 6	P=0.353N	P=0.055N	P=0.136N	P=0.281N
COCH-ARM / FISHERS	P=0.373N	P=0.059N	P=0.181N	P=0.339N
MAX-ISO-POLY-3	P=0.070N	P=0.019N*	P=0.074N	P=0.177N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/41.05	1/41.78	1/45.21	2/44.96
POLY-3 PERCENT (g)	4.9%	2.4%	2.2%	4.5%
TERMINAL (d)	0/33 (0%)	1/28 (4%)	1/38 (3%)	0/39 (0%)
FIRST INCIDENCE	465	727 (T)	727 (T)	531
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.587	P=0.494N	P=0.466N	P=0.661N
POLY 1.5	P=0.579	P=0.490N	P=0.472N	P=0.667N
POLY 6	P=0.598	P=0.505N	P=0.465N	P=0.655N
COCH-ARM / FISHERS	P=0.556	P=0.500N	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.524N	P=0.277N	P=0.262N	P=0.464N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	5/39.72	0/41.78	2/45.43	3/44.57
POLY-3 PERCENT (g)	12.6%	0%	4.4%	6.7%
TERMINAL (d)	5/33 (15%)	0/28 (0%)	0/38 (0%)	2/39 (5%)
FIRST INCIDENCE	727 (T)	---	673	605
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.434N	P=0.026N*	P=0.165N	P=0.295N
POLY 1.5	P=0.442N	P=0.026N*	P=0.177N	P=0.309N
POLY 6	P=0.419N	P=0.027N*	P=0.157N	P=0.281N
COCH-ARM / FISHERS	P=0.456N	P=0.028N*	P=0.218N	P=0.357N
MAX-ISO-POLY-3	P=0.082N	P=0.009N**	P=0.099N	P=0.195N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	5/39.72	0/41.78	2/45.43	3/44.57
POLY-3 PERCENT (g)	12.6%	0%	4.4%	6.7%
TERMINAL (d)	5/33 (15%)	0/28 (0%)	0/38 (0%)	2/39 (5%)
FIRST INCIDENCE	727 (T)	---	673	605
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.434N	P=0.026N*	P=0.165N	P=0.295N
POLY 1.5	P=0.442N	P=0.026N*	P=0.177N	P=0.309N
POLY 6	P=0.419N	P=0.027N*	P=0.157N	P=0.281N
COCH-ARM / FISHERS	P=0.456N	P=0.028N*	P=0.218N	P=0.357N
MAX-ISO-POLY-3	P=0.082N	P=0.009N**	P=0.099N	P=0.195N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Testes				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/39.72	0/41.78	1/45.21	3/44.14
POLY-3 PERCENT (g)	0%	0%	2.2%	6.8%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	1/38 (3%)	3/39 (8%)
FIRST INCIDENCE	---	---	727 (T)	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.023*	(e)	P=0.526	P=0.138
POLY 1.5	P=0.022*	(e)	P=0.520	P=0.134
POLY 6	P=0.025*	(e)	P=0.529	P=0.142
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
MAX-ISO-POLY-3	P=0.035*	(e)	P=0.190	P=0.055
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thymus				
Thymoma Benign				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	1/49 (2%)	0/49 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/39.72	1/41.39	0/44.86	3/44.78
POLY-3 PERCENT (g)	2.5%	2.4%	0%	6.7%
TERMINAL (d)	0/33 (0%)	0/28 (0%)	0/38 (0%)	2/39 (5%)
FIRST INCIDENCE	502	678	---	517
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.180	P=0.752N	P=0.476N	P=0.349
POLY 1.5	P=0.177	P=0.751N	P=0.481N	P=0.342
POLY 6	P=0.184	P=0.757N	P=0.473N	P=0.354
COCH-ARM / FISHERS	P=0.165	P=0.753N	P=0.500N	P=0.316
MAX-ISO-POLY-3	P=0.151	P=0.488N	P=0.158N	P=0.198
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	5/50 (10%)	8/50 (16%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	5/40.73	8/42.23	8/45.21	5/44.14
POLY-3 PERCENT (g)	12.3%	18.9%	17.7%	11.3%
TERMINAL (d)	3/33 (9%)	7/28 (25%)	8/38 (21%)	5/39 (13%)
FIRST INCIDENCE	496	596	727 (T)	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.397N	P=0.297	P=0.346	P=0.579N
POLY 1.5	P=0.410N	P=0.300	P=0.334	P=0.586N
POLY 6	P=0.385N	P=0.278	P=0.349	P=0.575N
COCH-ARM / FISHERS	P=0.472N	P=0.277	P=0.277	P=0.630N
MAX-ISO-POLY-3	P=0.431N	P=0.206	P=0.254	P=0.447N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	5/50 (10%)	9/50 (18%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	5/40.73	9/42.42	8/45.21	5/44.14
POLY-3 PERCENT (g)	12.3%	21.2%	17.7%	11.3%
TERMINAL (d)	3/33 (9%)	7/28 (25%)	8/38 (21%)	5/39 (13%)
FIRST INCIDENCE	496	596	727 (T)	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.355N	P=0.212	P=0.346	P=0.579N
POLY 1.5	P=0.367N	P=0.215	P=0.334	P=0.586N
POLY 6	P=0.344N	P=0.198	P=0.349	P=0.575N
COCH-ARM / FISHERS	P=0.431N	P=0.194	P=0.277	P=0.630N
MAX-ISO-POLY-3	P=0.390N	P=0.142	P=0.254	P=0.447N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	3/40.10	1/41.78	3/45.42	2/44.14
POLY-3 PERCENT (g)	7.5%	2.4%	6.6%	4.5%
TERMINAL (d)	2/33 (6%)	1/28 (4%)	2/38 (5%)	2/39 (5%)
FIRST INCIDENCE	622	727 (T)	673	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.487N	P=0.290N	P=0.604N	P=0.456N
POLY 1.5	P=0.496N	P=0.290N	P=0.616N	P=0.464N
POLY 6	P=0.475N	P=0.299N	P=0.596N	P=0.451N
COCH-ARM / FISHERS	P=0.523N	P=0.309N	P=0.661N	P=0.500N
MAX-ISO-POLY-3	P=0.456N	P=0.148N	P=0.440N	P=0.294N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	3/40.10	2/41.78	3/45.42	2/44.14
POLY-3 PERCENT (g)	7.5%	4.8%	6.6%	4.5%
TERMINAL (d)	2/33 (6%)	2/28 (7%)	2/38 (5%)	2/39 (5%)
FIRST INCIDENCE	622	727 (T)	673	727 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.415N	P=0.481N	P=0.604N	P=0.456N
POLY 1.5	P=0.425N	P=0.480N	P=0.616N	P=0.464N
POLY 6	P=0.403N	P=0.493N	P=0.596N	P=0.451N
COCH-ARM / FISHERS	P=0.456N	P=0.500N	P=0.661N	P=0.500N
MAX-ISO-POLY-3	P=0.471N	P=0.310N	P=0.440N	P=0.294N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/39.88	2/41.99	1/45.48	0/44.14
POLY-3 PERCENT (g)	7.5%	4.8%	2.2%	0%
TERMINAL (d)	2/33 (6%)	1/28 (4%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	687	673	654	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.053N	P=0.476N	P=0.260N	P=0.101N
POLY 1.5	P=0.055N	P=0.478N	P=0.270N	P=0.105N
POLY 6	P=0.051N	P=0.485N	P=0.253N	P=0.099N
COCH-ARM / FISHERS	P=0.062N	P=0.500N	P=0.309N	P=0.121N
MAX-ISO-POLY-3	P=0.060N	P=0.307N	P=0.138N	P=0.037N*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	4/40.55	2/41.99	1/45.48	0/44.14
POLY-3 PERCENT (g)	9.9%	4.8%	2.2%	0%
TERMINAL (d)	2/33 (6%)	1/28 (4%)	0/38 (0%)	0/39 (0%)
FIRST INCIDENCE	502	673	654	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.025N*	P=0.320N	P=0.146N	P=0.050N*
POLY 1.5	P=0.026N*	P=0.319N	P=0.152N	P=0.052N
POLY 6	P=0.024N*	P=0.332N	P=0.142N	P=0.049N*
COCH-ARM / FISHERS	P=0.030N*	P=0.339N	P=0.181N	P=0.059N
MAX-ISO-POLY-3	P=0.021N*	P=0.191N	P=0.075N	P=0.019N*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	30/50 (60%)	32/50 (64%)	29/50 (58%)	28/50 (56%)
POLY-3 RATE (b)	30/45.26	32/46.98	29/47.67	28/45.83
POLY-3 PERCENT (g)	66.3%	68.1%	60.8%	61.1%
TERMINAL (d)	19/33 (58%)	16/28 (57%)	22/38 (58%)	24/39 (62%)
FIRST INCIDENCE	244	397	511	517
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.276N	P=0.514	P=0.370N	P=0.382N
POLY 1.5	P=0.253N	P=0.504	P=0.378N	P=0.358N
POLY 6	P=0.306N	P=0.503	P=0.381N	P=0.417N
COCH-ARM / FISHERS	P=0.305N	P=0.418	P=0.500N	P=0.420N
MAX-ISO-POLY-3	P=0.430N	P=0.424	P=0.296N	P=0.302N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	8/50 (16%)	8/50 (16%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	8/42.78	8/42.67	5/47.16	8/46.33
POLY-3 PERCENT (g)	18.7%	18.8%	10.6%	17.3%
TERMINAL (d)	2/33 (6%)	4/28 (14%)	1/38 (3%)	4/39 (10%)
FIRST INCIDENCE	196	625	393	447
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.443N	P=0.607	P=0.215N	P=0.540N
POLY 1.5	P=0.460N	P=0.600N	P=0.228N	P=0.553N
POLY 6	P=0.426N	P=0.582	P=0.209N	P=0.529N
COCH-ARM / FISHERS	P=0.514N	P=0.607N	P=0.277N	P=0.607N
MAX-ISO-POLY-3	P=0.446N	P=0.497	P=0.149N	P=0.431N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	34/50 (68%)	37/50 (74%)	34/50 (68%)	33/50 (66%)
POLY-3 RATE (b)	34/48.04	37/47.68	34/49.61	33/48.02
POLY-3 PERCENT (g)	70.8%	77.6%	68.5%	68.7%
TERMINAL (d)	19/33 (58%)	18/28 (64%)	23/38 (61%)	25/39 (64%)
FIRST INCIDENCE	196	397	393	447
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.335N	P=0.298	P=0.491N	P=0.501N
POLY 1.5	P=0.311N	P=0.321	P=0.491N	P=0.469N
POLY 6	P=0.364N	P=0.273	P=0.503N	P=0.536N
COCH-ARM / FISHERS	P=0.359N	P=0.330	P=0.585N	P=0.500N
MAX-ISO-POLY-3	P=0.440N	P=0.224	P=0.405N	P=0.411N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/41.80	0/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	4.8%	0%	0%	0%
TERMINAL (d)	2/33 (6%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.116N	P=0.228N	P=0.257N	P=0.237N
POLY 1.5	P=0.115N	P=0.229N	P=0.248N	P=0.235N
POLY 6	P=0.117N	P=0.229N	P=0.267N	P=0.240N
COCH-ARM / FISHERS	P=0.113N	P=0.242N	P=0.242N	P=0.242N
MAX-ISO-POLY-3	P=0.033N*	P=0.074N	P=0.095N	P=0.077N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/41.80	0/43.51	0/38.34	1/41.99
POLY-3 PERCENT (g)	4.8%	0%	0%	2.4%
TERMINAL (d)	2/33 (6%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	---	688
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.468N	P=0.228N	P=0.257N	P=0.498N
POLY 1.5	P=0.465N	P=0.229N	P=0.248N	P=0.496N
POLY 6	P=0.471N	P=0.229N	P=0.267N	P=0.503N
COCH-ARM / FISHERS	P=0.457N	P=0.242N	P=0.242N	P=0.492N
MAX-ISO-POLY-3	P=0.134N	P=0.074N	P=0.095N	P=0.279N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Brain				
Glioma Malignant				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	0/43.51	2/39.20	0/41.83
POLY-3 PERCENT (g)	0%	0%	5.1%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	1/29 (3%)	0/33 (0%)
FIRST INCIDENCE	---	---	377	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.587	(e)	P=0.218	(e)
POLY 1.5	P=0.590	(e)	P=0.225	(e)
POLY 6	P=0.581	(e)	P=0.209	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.238	(e)	P=0.075	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	0/43.51	1/38.34	0/41.83
POLY-3 PERCENT (g)	0%	0%	2.6%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	1/29 (3%)	0/33 (0%)
FIRST INCIDENCE	---	---	728 (T)	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/42.80	2/43.51	0/38.34	1/41.83
POLY-3 PERCENT (g)	2.3%	4.6%	0%	2.4%
TERMINAL (d)	1/34 (3%)	2/34 (6%)	0/29 (0%)	1/33 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	---	728 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.514N	P=0.506	P=0.522N	P=0.756
POLY 1.5	P=0.508N	P=0.505	P=0.514N	P=0.758
POLY 6	P=0.521N	P=0.504	P=0.531N	P=0.752
COCH-ARM / FISHERS	P=0.500N	P=0.500	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.408N	P=0.287	P=0.185N	P=0.493
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.80	0/43.51	0/38.34	2/42.20
POLY-3 PERCENT (g)	0%	0%	0%	4.7%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/29 (0%)	1/33 (3%)
FIRST INCIDENCE	---	---	---	625
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.044*	(e)	(e)	P=0.234
POLY 1.5	P=0.044*	(e)	(e)	P=0.235
POLY 6	P=0.043*	(e)	(e)	P=0.231
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.076
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lymph Node, Mesenteric Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/42.80	0/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/34 (3%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/42.80	5/44.30	2/38.67	0/41.83
POLY-3 PERCENT (g)	9.3%	11.3%	5.2%	0%
TERMINAL (d)	3/34 (9%)	1/34 (3%)	1/29 (3%)	0/33 (0%)
FIRST INCIDENCE	726	624	637	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.028N*	P=0.522	P=0.385N	P=0.063N
POLY 1.5	P=0.027N*	P=0.514	P=0.367N	P=0.062N
POLY 6	P=0.031N*	P=0.527	P=0.403N	P=0.065N
COCH-ARM / FISHERS	P=0.026N*	P=0.500	P=0.339N	P=0.059N
MAX-ISO-POLY-3	P=0.042N*	P=0.384	P=0.248N	P=0.021N*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/42.80	0/43.51	0/38.34	3/42.20
POLY-3 PERCENT (g)	2.3%	0%	0%	7.1%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/29 (0%)	2/33 (6%)
FIRST INCIDENCE	726	---	---	625
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.080	P=0.497N	P=0.522N	P=0.300
POLY 1.5	P=0.082	P=0.497N	P=0.514N	P=0.302
POLY 6	P=0.078	P=0.498N	P=0.531N	P=0.295
COCH-ARM / FISHERS	P=0.086	P=0.500N	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.042*	P=0.158N	P=0.185N	P=0.151
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	4/42.80	5/44.30	2/38.67	3/42.20
POLY-3 PERCENT (g)	9.3%	11.3%	5.2%	7.1%
TERMINAL (d)	3/34 (9%)	1/34 (3%)	1/29 (3%)	2/33 (6%)
FIRST INCIDENCE	726	624	637	625
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.339N	P=0.522	P=0.385N	P=0.508N
POLY 1.5	P=0.332N	P=0.514	P=0.367N	P=0.505N
POLY 6	P=0.349N	P=0.527	P=0.403N	P=0.514N
COCH-ARM / FISHERS	P=0.320N	P=0.500	P=0.339N	P=0.500N
MAX-ISO-POLY-3	P=0.397N	P=0.384	P=0.248N	P=0.355N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	8/50 (16%)	15/50 (30%)	8/50 (16%)	11/50 (22%)
POLY-3 RATE (b)	8/42.87	15/44.15	8/41.70	11/43.32
POLY-3 PERCENT (g)	18.7%	34%	19.2%	25.4%
TERMINAL (d)	6/34 (18%)	12/34 (35%)	3/29 (10%)	7/33 (21%)
FIRST INCIDENCE	713	658	243	462
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.477	P=0.082	P=0.585	P=0.310
POLY 1.5	P=0.476	P=0.080	P=0.593	P=0.308
POLY 6	P=0.474	P=0.082	P=0.575	P=0.309
COCH-ARM / FISHERS	P=0.477	P=0.077	P=0.607N	P=0.306
MAX-ISO-POLY-3	P=0.328	P=0.052	P=0.475	P=0.227
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland Fibroma, Fibroadenoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	12/50 (24%)	20/50 (40%)	10/50 (20%)	11/50 (22%)
POLY-3 RATE (b)	12/42.88	20/44.94	10/42.03	11/43.32
POLY-3 PERCENT (g)	28%	44.5%	23.8%	25.4%
TERMINAL (d)	9/34 (27%)	13/34 (38%)	4/29 (14%)	7/33 (21%)
FIRST INCIDENCE	713	624	243	462
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.191N	P=0.079	P=0.423N	P=0.489N
POLY 1.5	P=0.194N	P=0.073	P=0.417N	P=0.493N
POLY 6	P=0.194N	P=0.087	P=0.430N	P=0.489N
COCH-ARM / FISHERS	P=0.201N	P=0.066	P=0.405N	P=0.500N
MAX-ISO-POLY-3	P=0.182N	P=0.054	P=0.330N	P=0.391N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	12/50 (24%)	20/50 (40%)	10/50 (20%)	14/50 (28%)
POLY-3 RATE (b)	12/42.88	20/44.94	10/42.03	14/43.69
POLY-3 PERCENT (g)	28%	44.5%	23.8%	32.1%
TERMINAL (d)	9/34 (27%)	13/34 (38%)	4/29 (14%)	9/33 (27%)
FIRST INCIDENCE	713	624	243	462
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.448N	P=0.079	P=0.423N	P=0.429
POLY 1.5	P=0.453N	P=0.073	P=0.417N	P=0.421
POLY 6	P=0.447N	P=0.087	P=0.430N	P=0.436
COCH-ARM / FISHERS	P=0.458N	P=0.066	P=0.405N	P=0.410
MAX-ISO-POLY-3	P=0.322N	P=0.054	P=0.330N	P=0.340
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Ovary				
Sex Cord Stromal Tumor, Benign				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	2/42.80	0/43.13	0/38.34	1/41.16
POLY-3 PERCENT (g)	4.7%	0%	0%	2.4%
TERMINAL (d)	2/34 (6%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	---	684
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.478N	P=0.235N	P=0.262N	P=0.514N
POLY 1.5	P=0.473N	P=0.237N	P=0.253N	P=0.511N
POLY 6	P=0.482N	P=0.235N	P=0.273N	P=0.518N
COCH-ARM / FISHERS	P=0.464N	P=0.253N	P=0.247N	P=0.508N
MAX-ISO-POLY-3	P=0.149N	P=0.077N	P=0.100N	P=0.294N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	21/50 (42%)	27/50 (54%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	21/47.39	27/46.46	18/42.07	16/43.97
POLY-3 PERCENT (g)	44.3%	58.1%	42.8%	36.4%
TERMINAL (d)	10/34 (29%)	18/34 (53%)	9/29 (31%)	11/33 (33%)
FIRST INCIDENCE	364	492	488	531
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.119N	P=0.127	P=0.527N	P=0.288N
POLY 1.5	P=0.094N	P=0.139	P=0.462N	P=0.253N
POLY 6	P=0.157N	P=0.113	P=0.582	P=0.337N
COCH-ARM / FISHERS	P=0.066N	P=0.158	P=0.341N	P=0.204N
MAX-ISO-POLY-3	P=0.128N	P=0.091	P=0.444N	P=0.229N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	21/50 (42%)	27/50 (54%)	18/50 (36%)	17/50 (34%)
POLY-3 RATE (b)	21/47.39	27/46.46	18/42.07	17/43.97
POLY-3 PERCENT (g)	44.3%	58.1%	42.8%	38.7%
TERMINAL (d)	10/34 (29%)	18/34 (53%)	9/29 (31%)	12/33 (36%)
FIRST INCIDENCE	364	492	488	531
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.172N	P=0.127	P=0.527N	P=0.369N
POLY 1.5	P=0.139N	P=0.139	P=0.462N	P=0.328N
POLY 6	P=0.222N	P=0.113	P=0.582	P=0.424N
COCH-ARM / FISHERS	P=0.099N	P=0.158	P=0.341N	P=0.268N
MAX-ISO-POLY-3	P=0.190N	P=0.091	P=0.444N	P=0.298N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pituitary Gland: Pars Intermedia Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	4/42.80	1/43.51	0/38.34	1/41.83
POLY-3 PERCENT (g)	9.4%	2.3%	0%	2.4%
TERMINAL (d)	4/34 (12%)	1/34 (3%)	0/29 (0%)	1/33 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	---	728 (T)
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.109N	P=0.173N	P=0.075N	P=0.185N
POLY 1.5	P=0.107N	P=0.174N	P=0.069N	P=0.182N
POLY 6	P=0.111N	P=0.174N	P=0.082N	P=0.190N
COCH-ARM / FISHERS	P=0.104N	P=0.181N	P=0.059N	P=0.181N
MAX-ISO-POLY-3	P=0.034N*	P=0.082N	P=0.031N*	P=0.090N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Basal Cell Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	1/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	728 (T)	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	2/44.37	0/38.34	0/41.83
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	383	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.412N	P=0.245	(e)	(e)
POLY 1.5	P=0.408N	P=0.243	(e)	(e)
POLY 6	P=0.420N	P=0.245	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.267N	P=0.083	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	3/44.37	1/38.68	0/41.83
POLY-3 PERCENT (g)	0%	6.8%	2.6%	0%
TERMINAL (d)	0/34 (0%)	2/34 (6%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	383	636	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.376N	P=0.125	P=0.480	(e)
POLY 1.5	P=0.371N	P=0.124	P=0.487	(e)
POLY 6	P=0.385N	P=0.125	P=0.472	(e)
COCH-ARM / FISHERS	P=0.366N	P=0.121	P=0.500	(e)
MAX-ISO-POLY-3	P=0.242N	P=0.043*	P=0.158	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	1/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	728 (T)	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	2/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/34 (0%)	2/34 (6%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	728 (T)	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.414N	P=0.241	(e)	(e)
POLY 1.5	P=0.410N	P=0.240	(e)	(e)
POLY 6	P=0.422N	P=0.239	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.263N	P=0.079	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	0/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	0/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	1/43.51	1/38.68	0/41.83
POLY-3 PERCENT (g)	0%	2.3%	2.6%	0%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	728 (T)	636	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Skin				
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.80	1/43.51	1/38.68	0/41.83
POLY-3 PERCENT (g)	0%	2.3%	2.6%	0%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	---	728 (T)	636	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thymus				
Thymoma Benign				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/42.80	0/43.51	2/37.66	0/41.83
POLY-3 PERCENT (g)	2.3%	0%	5.3%	0%
TERMINAL (d)	1/34 (3%)	0/34 (0%)	2/29 (7%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.471N	P=0.497N	P=0.455	P=0.505N
POLY 1.5	P=0.468N	P=0.497N	P=0.469	P=0.503N
POLY 6	P=0.476N	P=0.498N	P=0.441	P=0.508N
COCH-ARM / FISHERS	P=0.462N	P=0.500N	P=0.492	P=0.500N
MAX-ISO-POLY-3	P=0.327N	P=0.158N	P=0.256	P=0.164N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	7/50 (14%)	9/48 (19%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	7/42.87	9/42.96	5/39.54	3/42.23
POLY-3 PERCENT (g)	16.3%	21%	12.6%	7.1%
TERMINAL (d)	5/34 (15%)	7/34 (21%)	3/29 (10%)	2/33 (6%)
FIRST INCIDENCE	713	624	496	614
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.074N	P=0.393	P=0.436N	P=0.162N
POLY 1.5	P=0.071N	P=0.381	P=0.416N	P=0.160N
POLY 6	P=0.079N	P=0.402	P=0.459N	P=0.166N
COCH-ARM / FISHERS	P=0.068N	P=0.359	P=0.380N	P=0.159N
MAX-ISO-POLY-3	P=0.101N	P=0.294	P=0.325N	P=0.094N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	7/50 (14%)	9/48 (19%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	7/42.87	9/42.96	5/39.54	3/42.23
POLY-3 PERCENT (g)	16.3%	21%	12.6%	7.1%
TERMINAL (d)	5/34 (15%)	7/34 (21%)	3/29 (10%)	2/33 (6%)
FIRST INCIDENCE	713	624	496	614
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.074N	P=0.393	P=0.436N	P=0.162N
POLY 1.5	P=0.071N	P=0.381	P=0.416N	P=0.160N
POLY 6	P=0.079N	P=0.402	P=0.459N	P=0.166N
COCH-ARM / FISHERS	P=0.068N	P=0.359	P=0.380N	P=0.159N
MAX-ISO-POLY-3	P=0.101N	P=0.294	P=0.325N	P=0.094N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	3/48 (6%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	3/43.04	3/42.53	2/38.67	0/41.83
POLY-3 PERCENT (g)	7%	7.1%	5.2%	0%
TERMINAL (d)	2/34 (6%)	3/34 (9%)	1/29 (3%)	0/33 (0%)
FIRST INCIDENCE	662	728 (T)	639	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.077N	P=0.657	P=0.549N	P=0.123N
POLY 1.5	P=0.074N	P=0.653	P=0.531N	P=0.121N
POLY 6	P=0.082N	P=0.657	P=0.568N	P=0.128N
COCH-ARM / FISHERS	P=0.070N	P=0.641	P=0.500N	P=0.121N
MAX-ISO-POLY-3	P=0.106N	P=0.493	P=0.374N	P=0.042N*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	3/48 (6%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	3/43.04	3/42.53	2/38.67	0/41.83
POLY-3 PERCENT (g)	7%	7.1%	5.2%	0%
TERMINAL (d)	2/34 (6%)	3/34 (9%)	1/29 (3%)	0/33 (0%)
FIRST INCIDENCE	662	728 (T)	639	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.077N	P=0.657	P=0.549N	P=0.123N
POLY 1.5	P=0.074N	P=0.653	P=0.531N	P=0.121N
POLY 6	P=0.082N	P=0.657	P=0.568N	P=0.128N
COCH-ARM / FISHERS	P=0.070N	P=0.641	P=0.500N	P=0.121N
MAX-ISO-POLY-3	P=0.106N	P=0.493	P=0.374N	P=0.042N*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Uterus Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	0/42.80	0/43.51	3/38.34	4/42.37
POLY-3 PERCENT (g)	0%	0%	7.8%	9.4%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	3/29 (10%)	2/33 (6%)
FIRST INCIDENCE	---	---	728 (T)	625
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.010**	(e)	P=0.100	P=0.059
POLY 1.5	P=0.010**	(e)	P=0.107	P=0.059
POLY 6	P=0.009**	(e)	P=0.093	P=0.057
COCH-ARM / FISHERS	P=0.011*	(e)	P=0.121	P=0.059
MAX-ISO-POLY-3	P=0.015*	(e)	P=0.037*	P=0.019*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTEs	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Uterus Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	3/50 (6%)	8/50 (16%)	9/50 (18%)
POLY-3 RATE (b)	3/42.86	3/44.63	8/40.35	9/42.98
POLY-3 PERCENT (g)	7%	6.7%	19.8%	20.9%
TERMINAL (d)	2/34 (6%)	0/34 (0%)	4/29 (14%)	5/33 (15%)
FIRST INCIDENCE	713	548	321	607
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.016*	P=0.644N	P=0.078	P=0.058
POLY 1.5	P=0.017*	P=0.650N	P=0.085	P=0.059
POLY 6	P=0.015*	P=0.640N	P=0.072	P=0.058
COCH-ARM / FISHERS	P=0.020*	P=0.661N	P=0.100	P=0.061
MAX-ISO-POLY-3	P=0.024*	P=0.479N	P=0.045*	P=0.030*
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Uterus				
Malignant Mixed Mullerian Tumor				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.80	4/44.28	0/38.34	2/42.23
POLY-3 PERCENT (g)	0%	9%	0%	4.7%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	0/29 (0%)	1/33 (3%)
FIRST INCIDENCE	---	656	---	615
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.433	P=0.064	(e)	P=0.234
POLY 1.5	P=0.437	P=0.063	(e)	P=0.235
POLY 6	P=0.425	P=0.065	(e)	P=0.231
COCH-ARM / FISHERS	P=0.444	P=0.059	(e)	P=0.247
MAX-ISO-POLY-3	P=0.181	P=0.023*	(e)	P=0.076
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	4/50 (8%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/42.80	4/43.65	3/38.34	1/42.23
POLY-3 PERCENT (g)	4.7%	9.2%	7.8%	2.4%
TERMINAL (d)	2/34 (6%)	3/34 (9%)	3/29 (10%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	693	728 (T)	614
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.304N	P=0.346	P=0.450	P=0.505N
POLY 1.5	P=0.300N	P=0.344	P=0.469	P=0.503N
POLY 6	P=0.311N	P=0.344	P=0.429	P=0.509N
COCH-ARM / FISHERS	P=0.292N	P=0.339	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.279N	P=0.209	P=0.290	P=0.286N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Uterus				
Sarcoma Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.80	2/43.91	1/38.34	1/42.00
POLY-3 PERCENT (g)	0%	4.6%	2.6%	2.4%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	1/29 (3%)	0/33 (0%)
FIRST INCIDENCE	---	614	728 (T)	686
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.490	P=0.243	P=0.478	P=0.496
POLY 1.5	P=0.494	P=0.241	P=0.486	P=0.498
POLY 6	P=0.482	P=0.243	P=0.469	P=0.493
COCH-ARM / FISHERS	P=0.500	P=0.247	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.270	P=0.081	P=0.158	P=0.158
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Uterus				
Sarcoma Stromal or Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	6/50 (12%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	2/42.80	6/44.05	4/38.34	2/42.40
POLY-3 PERCENT (g)	4.7%	13.6%	10.4%	4.7%
TERMINAL (d)	2/34 (6%)	4/34 (12%)	4/29 (14%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	614	728 (T)	614
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.403N	P=0.141	P=0.287	P=0.691
POLY 1.5	P=0.398N	P=0.139	P=0.305	P=0.692
POLY 6	P=0.411N	P=0.142	P=0.267	P=0.688
COCH-ARM / FISHERS	P=0.389N	P=0.134	P=0.339	P=0.691N
MAX-ISO-POLY-3	P=0.329	P=0.077	P=0.175	P=0.495
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
 Time Report Requested: 15:06:23
 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/42.80	0/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	4.7%	0%	0%	0%
TERMINAL (d)	2/34 (6%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.118N	P=0.233N	P=0.262N	P=0.242N
POLY 1.5	P=0.117N	P=0.234N	P=0.253N	P=0.240N
POLY 6	P=0.119N	P=0.234N	P=0.273N	P=0.246N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.036N*	P=0.076N	P=0.100N	P=0.081N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/23/2013
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 First Dose M/F: 07/25/07 / 07/26/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/42.80	0/43.51	0/38.34	0/41.83
POLY-3 PERCENT (g)	4.7%	0%	0%	0%
TERMINAL (d)	2/34 (6%)	0/34 (0%)	0/29 (0%)	0/33 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.118N	P=0.233N	P=0.262N	P=0.242N
POLY 1.5	P=0.117N	P=0.234N	P=0.253N	P=0.240N
POLY 6	P=0.119N	P=0.234N	P=0.273N	P=0.246N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.036N*	P=0.076N	P=0.100N	P=0.081N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	38/50 (76%)	38/50 (76%)	34/50 (68%)	30/50 (60%)
POLY-3 RATE (b)	38/47.41	38/46.49	34/45.18	30/45.82
POLY-3 PERCENT (g)	80.2%	81.7%	75.3%	65.5%
TERMINAL (d)	26/34 (77%)	28/34 (82%)	20/29 (69%)	20/33 (61%)
FIRST INCIDENCE	364	492	243	462
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.032N*	P=0.528	P=0.373N	P=0.080N
POLY 1.5	P=0.031N*	P=0.560	P=0.328N	P=0.073N
POLY 6	P=0.036N*	P=0.482	P=0.412N	P=0.092N
COCH-ARM / FISHERS	P=0.030N*	P=0.592N	P=0.252N	P=0.066N
MAX-ISO-POLY-3	P=0.049N*	P=0.419	P=0.285N	P=0.052N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	10/50 (20%)	13/50 (26%)	12/50 (24%)	14/50 (28%)
POLY-3 RATE (b)	10/44.45	13/47.28	12/42.01	14/43.51
POLY-3 PERCENT (g)	22.5%	27.5%	28.6%	32.2%
TERMINAL (d)	5/34 (15%)	4/34 (12%)	5/29 (17%)	8/33 (24%)
FIRST INCIDENCE	546	383	321	607
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.195	P=0.378	P=0.345	P=0.217
POLY 1.5	P=0.212	P=0.358	P=0.368	P=0.226
POLY 6	P=0.178	P=0.396	P=0.317	P=0.208
COCH-ARM / FISHERS	P=0.244	P=0.318	P=0.405	P=0.241
MAX-ISO-POLY-3	P=0.255	P=0.297	P=0.265	P=0.156
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	40/50 (80%)	43/50 (86%)	39/50 (78%)	38/50 (76%)
POLY-3 RATE (b)	40/47.98	43/49.12	39/47.71	38/46.80
POLY-3 PERCENT (g)	83.4%	87.6%	81.8%	81.2%
TERMINAL (d)	27/34 (79%)	28/34 (82%)	21/29 (72%)	25/33 (76%)
FIRST INCIDENCE	364	383	243	462
HC TUMORS SAME ROUTE	0/0 (0%)			
HC TUMORS ALL ROUTES	0/0 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.342N	P=0.383	P=0.524N	P=0.497N
POLY 1.5	P=0.308N	P=0.351	P=0.515N	P=0.472N
POLY 6	P=0.369N	P=0.413	P=0.532N	P=0.514N
COCH-ARM / FISHERS	P=0.237N	P=0.298	P=0.500N	P=0.405N
MAX-ISO-POLY-3	P=0.462N	P=0.281	P=0.414N	P=0.389N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)			
CURR VS HC ALL RTES	(e)			

Experiment Number: 20320 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (n) No statistics are calculated if all dose groups have fewer than two tumors.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
- ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
- N Indicates a negative trend for all tests
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***