

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

F_P08_w.o_h.d

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

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HISTORICAL CONTROL STUDIES

From May 2011 report

SAME ROUTE

- 99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)
- 20007-06 -- Kava kava extract (GAVAGE CORN OIL)
- 20107-04 -- N,N-Dimethyl-p-toluidine (GAVAGE CORN OIL)
- 99020-06 -- Pulegone (GAVAGE CORN OIL)
- 88148-07 -- 3,3',4,4'-Tetrachloroazobenzene (GAVAGE CORN OIL)

ALL ROUTES

- 99024-08 -- Androstenedione (GAVAGE METHYLCELLULOSE)
- 99037-06 -- alpha/beta Thujone mixture (GAVAGE METHYLCELLULOSE)
- 99028-06 -- bis(2-Chloroethoxy)methane (SKIN ETHANOL)
- 20011-06 -- 1-Bromopropane (INHALATION AIR)
- 05174-06 -- Cresols (ORAL FEED)
- 99017-06 -- Diethylamine (INHALATION AIR)
- 99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)
- 20005-06 -- Ginseng (GAVAGE WATER)
- 99007-06 -- Goldenseal root powder (ORAL FEED)
- 20007-06 -- Kava kava extract (GAVAGE CORN OIL)
- 95003-06 -- Methyl trans-styryl ketone (SKIN ETHANOL)
- 20008-04 -- Milk thistle extract (ORAL FEED)
- 20107-04 -- N,N-Dimethyl-p-toluidine (GAVAGE CORN OIL)
- 20009-04 -- beta-Picoline (ORAL WATER)
- 99020-06 -- Pulegone (GAVAGE CORN OIL)
- 99032-04 -- Pyrogallol (SKIN ETHANOL)
- 20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)
- 88148-07 -- 3,3',4,4'-Tetrachloroazobenzene (GAVAGE CORN OIL)
- 93025-06 -- Tetralin (INHALATION AIR)
- 88133-08 -- Trimethylolpropane triacrylate (SKIN ACETONE)

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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.**

Bone Marrow

Liver

Lung

Ovary

Pancreas

Spleen

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

MALE MICE

Organ

Liver

Stomach, Forestomach

All Organs

Morphology

Hemangiosarcoma

Hepatoblastoma

Hepatocellular Carcinoma or Hepatoblastoma

Squamous Cell Carcinoma or Papilloma Squamous

Squamous Cell Papilloma

Hemangiosarcoma

Hemangiosarcoma or Hemangioma

Malignant Tumors

FEMALE MICE

Organ

Lung

Morphology

Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Bone Marrow			
Hemangiosarcoma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.17	2/42.13	1/45.53
POLY-3 PERCENT (g)	0%	4.8%	2.2%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	---	602	730 (T)
HC TUMORS SAME ROUTE	2/250 (1%)		
HC TUMORS ALL ROUTES	10/946 (1%)		
STATISTICAL TESTS			
POLY 3	P=0.385	P=0.231	P=0.511
POLY 1.5	P=0.375	P=0.234	P=0.506
POLY 6	P=0.400	P=0.227	P=0.517
COCH-ARM / FISHERS	P=0.360	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.203	P=0.076	P=0.172
HISTCONT SAME RTE	P=0.213	P=0.123	P=1.000
HISTCONT ALL RTES	P=0.186	P=0.062	P=1.000
CURR VS HC SAME RTE	P=0.571		
CURR VS HC ALL RTES	P=0.519		

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Harderian Gland Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	7/50 (14%)	3/50 (6%)	7/50 (14%)
POLY-3 RATE (b)	7/43.39	3/42.84	7/45.76
POLY-3 PERCENT (g)	16.1%	7%	15.3%
TERMINAL (d)	6/33 (18%)	1/25 (4%)	6/39 (15%)
FIRST INCIDENCE	673	426	668
HC TUMORS SAME ROUTE	32/250 (13%)		
HC TUMORS ALL ROUTES	120/950 (13%)		
STATISTICAL TESTS			
POLY 3	P=0.534N	P=0.161N	P=0.572N
POLY 1.5	P=0.546N	P=0.159N	P=0.589N
POLY 6	P=0.516N	P=0.167N	P=0.548N
COCH-ARM / FISHERS	P=0.563	P=0.159N	P=0.613N
MAX-ISO-POLY-3	P=0.350N	P=0.093N	P=0.457N
HISTCONT SAME RTE	P=0.526	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.570	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.777		
CURR VS HC ALL RTES	P=0.730		

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Harderian Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.73	1/41.71	2/45.53
POLY-3 PERCENT (g)	2.3%	2.4%	4.4%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	2/39 (5%)
FIRST INCIDENCE	555	708	730 (T)
HC TUMORS SAME ROUTE	4/250 (2%)		
HC TUMORS ALL ROUTES	31/950 (3%)		
STATISTICAL TESTS			
POLY 3	P=0.393	P=0.750	P=0.514
POLY 1.5	P=0.387	P=0.755	P=0.508
POLY 6	P=0.401	P=0.743	P=0.522
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.395	P=0.486	P=0.296
HISTCONT SAME RTE	P=0.265	P=1.000	P=0.297
HISTCONT ALL RTES	P=0.563	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.879		
CURR VS HC ALL RTES	P=0.631		

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Harderian Gland Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	8/50 (16%)	4/50 (8%)	9/50 (18%)
POLY-3 RATE (b)	8/43.95	4/42.93	9/45.76
POLY-3 PERCENT (g)	18.2%	9.3%	19.7%
TERMINAL (d)	6/33 (18%)	1/25 (4%)	8/39 (21%)
FIRST INCIDENCE	555	426	668
HC TUMORS SAME ROUTE	36/250 (14%)		
HC TUMORS ALL ROUTES	151/950 (16%)		
STATISTICAL TESTS			
POLY 3	P=0.470	P=0.186N	P=0.537
POLY 1.5	P=0.459	P=0.181N	P=0.522
POLY 6	P=0.488	P=0.196N	P=0.558
COCH-ARM / FISHERS	P=0.443	P=0.178N	P=0.500
MAX-ISO-POLY-3	P=0.315	P=0.117N	P=0.430
HISTCONT SAME RTE	P=0.315	P=1.000	P=0.300
HISTCONT ALL RTES	P=0.508	P=1.000	P=0.429
CURR VS HC SAME RTE	P=0.754		
CURR VS HC ALL RTES	P=0.947		

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Large: Colon/Rectum Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	0/41.62	2/46.18
POLY-3 PERCENT (g)	0%	0%	4.3%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	---	---	513
HC TUMORS SAME ROUTE	0/250 (0%)		
HC TUMORS ALL ROUTES	0/950 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.101	(e)	P=0.252
POLY 1.5	P=0.098	(e)	P=0.246
POLY 6	P=0.105	(e)	P=0.261
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.067	(e)	P=0.091
HISTCONT SAME RTE	P=0.011*	(e)	P=0.020*
HISTCONT ALL RTES	P<0.001**	(e)	P<0.001**
CURR VS HC SAME RTE	P=1.000		
CURR VS HC ALL RTES	P=1.000		

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Small: Jejunum Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.50	1/41.62	2/45.53
POLY-3 PERCENT (g)	2.3%	2.4%	4.4%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	2/39 (5%)
FIRST INCIDENCE	640	730 (T)	730 (T)
HC TUMORS SAME ROUTE	4/250 (2%)		
HC TUMORS ALL ROUTES	19/950 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.395	P=0.751	P=0.516
POLY 1.5	P=0.388	P=0.755	P=0.510
POLY 6	P=0.404	P=0.744	P=0.524
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.398	P=0.487	P=0.298
HISTCONT SAME RTE	P=0.138	P=1.000	P=0.222
HISTCONT ALL RTES	P=0.291	P=1.000	P=0.296
CURR VS HC SAME RTE	P=0.842		
CURR VS HC ALL RTES	P=0.992		

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Small: Site Unspecified Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.50	1/41.62	2/45.53
POLY-3 PERCENT (g)	2.3%	2.4%	4.4%
TERMINAL (d)	0/33 (0%)	1/25 (4%)	2/39 (5%)
FIRST INCIDENCE	640	730 (T)	730 (T)
HC TUMORS SAME ROUTE	4/250 (2%)		
HC TUMORS ALL ROUTES	21/950 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.395	P=0.751	P=0.516
POLY 1.5	P=0.388	P=0.755	P=0.510
POLY 6	P=0.404	P=0.744	P=0.524
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.398	P=0.487	P=0.298
HISTCONT SAME RTE	P=0.138	P=1.000	P=0.222
HISTCONT ALL RTES	P=0.355	P=1.000	P=0.353
CURR VS HC SAME RTE	P=0.842		
CURR VS HC ALL RTES	P=0.933		

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Small: Site Unspecified Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/43.50	1/41.62	2/45.53
POLY-3 PERCENT (g)	4.6%	2.4%	4.4%
TERMINAL (d)	1/33 (3%)	1/25 (4%)	2/39 (5%)
FIRST INCIDENCE	640	730 (T)	730 (T)
HC TUMORS SAME ROUTE	6/250 (2%)		
HC TUMORS ALL ROUTES	25/950 (3%)		
STATISTICAL TESTS			
POLY 3	P=0.597N	P=0.515N	P=0.678N
POLY 1.5	P=0.602N	P=0.508N	P=0.684N
POLY 6	P=0.590N	P=0.527N	P=0.669N
COCH-ARM / FISHERS	P=0.610	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.533N	P=0.297N	P=0.481N
HISTCONT SAME RTE	P=0.382	P=1.000	P=0.436
HISTCONT ALL RTEs	P=0.441	P=1.000	P=0.449
CURR VS HC SAME RTE	P=0.555		
CURR VS HC ALL RTEs	P=0.556		

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hemangioma			
TUMOR RATES			
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	4.6%	0%	0%
TERMINAL (d)	2/33 (6%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	730 (T)	---	---
HC TUMORS SAME ROUTE	0/250 (0%)		
HC TUMORS ALL ROUTES	1/949 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.093N	P=0.245N	P=0.225N
POLY 1.5	P=0.094N	P=0.241N	P=0.230N
POLY 6	P=0.092N	P=0.251N	P=0.219N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.052N	P=0.083N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.004**		
CURR VS HC ALL RTES	P<0.001**		

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hemangiosarcoma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	0/43.17	4/42.13	3/45.53
POLY-3 PERCENT (g)	0%	9.5%	6.6%
TERMINAL (d)	0/33 (0%)	2/25 (8%)	3/39 (8%)
FIRST INCIDENCE	---	602	730 (T)
HC TUMORS SAME ROUTE	21/250 (8%)		
HC TUMORS ALL ROUTES	48/949 (5%)		
STATISTICAL TESTS			
POLY 3	P=0.134	P=0.057	P=0.128
POLY 1.5	P=0.127	P=0.058	P=0.125
POLY 6	P=0.144	P=0.054	P=0.134
COCH-ARM / FISHERS	P=0.118	P=0.059	P=0.121
MAX-ISO-POLY-3	P=0.066	P=0.019*	P=0.046*
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.484	P=0.269	P=1.000
CURR VS HC SAME RTE	P=0.072		
CURR VS HC ALL RTES	P=0.121		

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatoblastoma			
TUMOR RATES			
OVERALL (a)	2/50 (4%)	11/50 (22%)	8/50 (16%)
POLY-3 RATE (b)	2/43.56	11/43.02	8/45.56
POLY-3 PERCENT (g)	4.6%	25.6%	17.6%
TERMINAL (d)	1/33 (3%)	7/25 (28%)	7/39 (18%)
FIRST INCIDENCE	619	535	722
HC TUMORS SAME ROUTE	7/250 (3%)		
HC TUMORS ALL ROUTES	52/949 (6%)		
STATISTICAL TESTS			
POLY 3	P=0.065	P=0.006**	P=0.052
POLY 1.5	P=0.060	P=0.006**	P=0.050*
POLY 6	P=0.073	P=0.005**	P=0.056
COCH-ARM / FISHERS	P=0.056	P=0.007**	P=0.046*
MAX-ISO-POLY-3	P=0.018*	P=0.002**	P=0.027*
HISTCONT SAME RTE	P=0.011*	P=0.003**	P=0.006**
HISTCONT ALL RTES	P=0.010**	P=0.004**	P=0.043*
CURR VS HC SAME RTE	P=0.654		
CURR VS HC ALL RTES	P=0.685		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Hepatocellular Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	32/50 (64%)	33/50 (66%)	38/50 (76%)
POLY-3 RATE (b)	32/45.64	33/44.94	38/47.96
POLY-3 PERCENT (g)	70.1%	73.4%	79.2%
TERMINAL (d)	25/33 (76%)	19/25 (76%)	32/39 (82%)
FIRST INCIDENCE	374	470	522
HC TUMORS SAME ROUTE	131/250 (52%)		
HC TUMORS ALL ROUTES	552/949 (58%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.172	P=0.451	P=0.208
POLY 1.5	P=0.144	P=0.468	P=0.173
POLY 6	P=0.223	P=0.434	P=0.266
COCH-ARM / FISHERS	P=0.118	P=0.500	P=0.138
MAX-ISO-POLY-3	P=0.207	P=0.356	P=0.149
HISTCONT SAME RTE	P=0.012*	P=0.046*	P=0.017*
HISTCONT ALL RTES	P=0.054	P=0.181	P=0.059
CURR VS HC SAME RTE	P=0.115		
CURR VS HC ALL RTES	P=0.343		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Carcinoma			
TUMOR RATES			
OVERALL (a)	11/50 (22%)	15/50 (30%)	17/50 (34%)
POLY-3 RATE (b)	11/44.83	15/44.04	17/48.16
POLY-3 PERCENT (g)	24.5%	34.1%	35.3%
TERMINAL (d)	6/33 (18%)	7/25 (28%)	9/39 (23%)
FIRST INCIDENCE	521	589	513
HC TUMORS SAME ROUTE	94/250 (38%)		
HC TUMORS ALL ROUTES	345/949 (36%)		
STATISTICAL TESTS			
POLY 3	P=0.160	P=0.224	P=0.182
POLY 1.5	P=0.138	P=0.233	P=0.161
POLY 6	P=0.194	P=0.214	P=0.215
COCH-ARM / FISHERS	P=0.112	P=0.247	P=0.133
MAX-ISO-POLY-3	P=0.190	P=0.163	P=0.136
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.057		
CURR VS HC ALL RTES	P=0.058		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Carcinoma or Hepatoblastoma			
TUMOR RATES			
OVERALL (a)	12/50 (24%)	24/50 (48%)	20/50 (40%)
POLY-3 RATE (b)	12/44.83	24/45.44	20/48.16
POLY-3 PERCENT (g)	26.8%	52.8%	41.5%
TERMINAL (d)	7/33 (21%)	12/25 (48%)	12/39 (31%)
FIRST INCIDENCE	521	535	513
HC TUMORS SAME ROUTE	98/250 (39%)		
HC TUMORS ALL ROUTES	372/949 (39%)		
STATISTICAL TESTS			
POLY 3	P=0.099	P=0.008**	P=0.099
POLY 1.5	P=0.079	P=0.008**	P=0.084
POLY 6	P=0.132	P=0.008**	P=0.123
COCH-ARM / FISHERS	P=0.061	P=0.011*	P=0.066
MAX-ISO-POLY-3	P=0.032*	P=0.004**	P=0.072
HISTCONT SAME RTE	P=0.426	P=0.119	P=1.000
HISTCONT ALL RTES	P=0.480	P=0.141	P=1.000
CURR VS HC SAME RTE	P=0.071		
CURR VS HC ALL RTES	P=0.050*		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Carcinoma or Hepatocellular Adenoma			
TUMOR RATES			
OVERALL (a)	39/50 (78%)	39/50 (78%)	43/50 (86%)
POLY-3 RATE (b)	39/47.09	39/46.28	43/49.41
POLY-3 PERCENT (g)	82.8%	84.3%	87%
TERMINAL (d)	28/33 (85%)	21/25 (84%)	33/39 (85%)
FIRST INCIDENCE	374	470	513
HC TUMORS SAME ROUTE	178/250 (71%)		
HC TUMORS ALL ROUTES	710/949 (75%)		
STATISTICAL TESTS			
POLY 3	P=0.324	P=0.539	P=0.380
POLY 1.5	P=0.257	P=0.557	P=0.305
POLY 6	P=0.422	P=0.534	P=0.481
COCH-ARM / FISHERS	P=0.188	P=0.595N	P=0.218
MAX-ISO-POLY-3	P=0.385	P=0.420	P=0.279
HISTCONT SAME RTE	P=0.054	P=0.132	P=0.071
HISTCONT ALL RTES	P=0.160	P=0.267	P=0.157
CURR VS HC SAME RTE	P=0.242		
CURR VS HC ALL RTES	P=0.438		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	39/50 (78%)	42/50 (84%)	43/50 (86%)
POLY-3 RATE (b)	39/47.09	42/47.30	43/49.41
POLY-3 PERCENT (g)	82.8%	88.8%	87%
TERMINAL (d)	28/33 (85%)	22/25 (88%)	33/39 (85%)
FIRST INCIDENCE	374	470	513
HC TUMORS SAME ROUTE	178/250 (71%)		
HC TUMORS ALL ROUTES	715/949 (75%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.325	P=0.284	P=0.380
POLY 1.5	P=0.253	P=0.280	P=0.305
POLY 6	P=0.429	P=0.317	P=0.481
COCH-ARM / FISHERS	P=0.178	P=0.306	P=0.218
MAX-ISO-POLY-3	P=0.320	P=0.188	P=0.279
HISTCONT SAME RTE	P=0.048*	P=0.057	P=0.071
HISTCONT ALL RTES	P=0.135	P=0.140	P=0.177
CURR VS HC SAME RTE	P=0.242		
CURR VS HC ALL RTES	P=0.478		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Lung			
Alveolar/Bronchiolar Adenoma			
TUMOR RATES			
OVERALL (a)	6/50 (12%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	6/43.61	5/42.86	2/45.53
POLY-3 PERCENT (g)	13.8%	11.7%	4.4%
TERMINAL (d)	4/33 (12%)	2/25 (8%)	2/39 (5%)
FIRST INCIDENCE	661	470	730 (T)
HC TUMORS SAME ROUTE	39/250 (16%)		
HC TUMORS ALL ROUTES	135/950 (14%)		
STATISTICAL TESTS			
POLY 3	P=0.093N	P=0.512N	P=0.119N
POLY 1.5	P=0.098N	P=0.505N	P=0.125N
POLY 6	P=0.086N	P=0.526N	P=0.112N
COCH-ARM / FISHERS	P=0.107N	P=0.500N	P=0.134N
MAX-ISO-POLY-3	P=0.097N	P=0.385N	P=0.064N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.547		
CURR VS HC ALL RTES	P=0.696		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Lung			
Alveolar/Bronchiolar Carcinoma			
TUMOR RATES			
OVERALL (a)	4/50 (8%)	4/50 (8%)	7/50 (14%)
POLY-3 RATE (b)	4/44.25	4/42.38	7/45.53
POLY-3 PERCENT (g)	9%	9.4%	15.4%
TERMINAL (d)	2/33 (6%)	2/25 (8%)	7/39 (18%)
FIRST INCIDENCE	448	613	730 (T)
HC TUMORS SAME ROUTE	21/250 (8%)		
HC TUMORS ALL ROUTES	128/950 (14%)		
STATISTICAL TESTS			
POLY 3	P=0.215	P=0.620	P=0.277
POLY 1.5	P=0.210	P=0.629	P=0.271
POLY 6	P=0.223	P=0.607	P=0.288
COCH-ARM / FISHERS	P=0.202	P=0.643N	P=0.262
MAX-ISO-POLY-3	P=0.242	P=0.474	P=0.184
HISTCONT SAME RTE	P=0.326	P=1.000	P=0.241
HISTCONT ALL RTES	P=0.662	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.938		
CURR VS HC ALL RTES	P=0.282		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Lung			
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma			
TUMOR RATES			
OVERALL (a)	10/50 (20%)	9/50 (18%)	9/50 (18%)
POLY-3 RATE (b)	10/44.69	9/43.62	9/45.53
POLY-3 PERCENT (g)	22.4%	20.6%	19.8%
TERMINAL (d)	6/33 (18%)	4/25 (16%)	9/39 (23%)
FIRST INCIDENCE	448	470	730 (T)
HC TUMORS SAME ROUTE	57/250 (23%)		
HC TUMORS ALL ROUTES	250/950 (26%)		
STATISTICAL TESTS			
POLY 3	P=0.431N	P=0.524N	P=0.482N
POLY 1.5	P=0.438N	P=0.513N	P=0.489N
POLY 6	P=0.420N	P=0.541N	P=0.472N
COCH-ARM / FISHERS	P=0.449N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.522N	P=0.420N	P=0.381N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.685		
CURR VS HC ALL RTES	P=0.328		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva) Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/250 (0%)		
HC TUMORS ALL ROUTES	0/950 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Pancreas Carcinoma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	2/42.48	0/45.53
POLY-3 PERCENT (g)	0%	4.7%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	470	---
HC TUMORS SAME ROUTE	0/250 (0%)		
HC TUMORS ALL ROUTES	2/942 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.651N	P=0.233	(e)
POLY 1.5	P=0.658N	P=0.235	(e)
POLY 6	P=0.640N	P=0.229	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.262N	P=0.076	(e)
HISTCONT SAME RTE	P=0.168	P=0.022*	(e)
HISTCONT ALL RTES	P=0.072	P<0.001**	(e)
CURR VS HC SAME RTE	P=1.000		
CURR VS HC ALL RTES	P=0.536		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Skin			
Hemangiosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	0/41.62	2/45.53
POLY-3 PERCENT (g)	0%	0%	4.4%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	2/39 (5%)
FIRST INCIDENCE	---	---	730 (T)
HC TUMORS SAME ROUTE	2/250 (1%)		
HC TUMORS ALL ROUTES	15/950 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.099	(e)	P=0.249
POLY 1.5	P=0.097	(e)	P=0.244
POLY 6	P=0.103	(e)	P=0.256
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.064	(e)	P=0.087
HISTCONT SAME RTE	P=0.041*	(e)	P=0.075
HISTCONT ALL RTES	P=0.092	(e)	P=0.118
CURR VS HC SAME RTE	P=0.493		
CURR VS HC ALL RTES	P=0.378		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Spleen			
Hemangiosarcoma			
TUMOR RATES			
OVERALL (a)	1/50 (2%)	3/48 (6%)	4/50 (8%)
POLY-3 RATE (b)	1/43.48	3/40.93	4/45.53
POLY-3 PERCENT (g)	2.3%	7.3%	8.8%
TERMINAL (d)	0/33 (0%)	2/25 (8%)	4/39 (10%)
FIRST INCIDENCE	645	602	730 (T)
HC TUMORS SAME ROUTE	9/248 (4%)		
HC TUMORS ALL ROUTES	35/937 (4%)		
STATISTICAL TESTS			
POLY 3	P=0.149	P=0.283	P=0.193
POLY 1.5	P=0.143	P=0.287	P=0.187
POLY 6	P=0.157	P=0.278	P=0.200
COCH-ARM / FISHERS	P=0.134	P=0.293	P=0.181
MAX-ISO-POLY-3	P=0.145	P=0.144	P=0.097
HISTCONT SAME RTE	P=0.050*	P=0.225	P=0.090
HISTCONT ALL RTES	P=0.013*	P=0.170	P=0.032*
CURR VS HC SAME RTE	P=0.582		
CURR VS HC ALL RTES	P=0.539		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Stomach, Forestomach Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.17	0/41.62	0/45.53
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	2/250 (1%)		
HC TUMORS ALL ROUTES	5/950 (1%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous			
TUMOR RATES	#	#	#
OVERALL (a)	5/50 (10%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	5/44.06	0/41.62	1/45.53
POLY-3 PERCENT (g)	11.4%	0%	2.2%
TERMINAL (d)	3/33 (9%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	448	---	730 (T)
HC TUMORS SAME ROUTE	12/250 (5%)		
HC TUMORS ALL ROUTES	25/950 (3%)		
STATISTICAL TESTS			
POLY 3	P=0.033N*	P=0.035N*	P=0.094N
POLY 1.5	P=0.034N*	P=0.033N*	P=0.097N
POLY 6	P=0.032N*	P=0.038N*	P=0.088N
COCH-ARM / FISHERS	P=0.037N*	P=0.028N*	P=0.102N
MAX-ISO-POLY-3	P=0.012N*	P=0.013N*	P=0.043N*
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.278		
CURR VS HC ALL RTES	P=0.004**		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	5/50 (10%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	5/44.06	0/41.62	1/45.53
POLY-3 PERCENT (g)	11.4%	0%	2.2%
TERMINAL (d)	3/33 (9%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	448	---	730 (T)
HC TUMORS SAME ROUTE	10/250 (4%)		
HC TUMORS ALL ROUTES	20/950 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.033N*	P=0.035N*	P=0.094N
POLY 1.5	P=0.034N*	P=0.033N*	P=0.097N
POLY 6	P=0.032N*	P=0.038N*	P=0.088N
COCH-ARM / FISHERS	P=0.037N*	P=0.028N*	P=0.102N
MAX-ISO-POLY-3	P=0.012N*	P=0.013N*	P=0.043N*
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.183		
CURR VS HC ALL RTEs	P<0.001**		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
Tooth			
Odontoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/43.17	1/41.62	0/45.53
POLY-3 PERCENT (g)	4.6%	2.4%	0%
TERMINAL (d)	2/33 (6%)	1/25 (4%)	0/39 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---
HC TUMORS SAME ROUTE	6/250 (2%)		
HC TUMORS ALL ROUTES	11/950 (1%)		
STATISTICAL TESTS			
POLY 3	P=0.135N	P=0.513N	P=0.225N
POLY 1.5	P=0.138N	P=0.507N	P=0.230N
POLY 6	P=0.131N	P=0.522N	P=0.219N
COCH-ARM / FISHERS	P=0.142N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.104N	P=0.294N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.599		
CURR VS HC ALL RTES	P=0.085		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Hemangioma			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/43.17	0/41.62	1/45.53
POLY-3 PERCENT (g)	4.6%	0%	2.2%
TERMINAL (d)	2/33 (6%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	---	730 (T)
HC TUMORS SAME ROUTE	2/250 (1%)		
HC TUMORS ALL ROUTES	12/950 (1%)		
STATISTICAL TESTS			
POLY 3	P=0.356N	P=0.245N	P=0.481N
POLY 1.5	P=0.358N	P=0.241N	P=0.489N
POLY 6	P=0.351N	P=0.251N	P=0.471N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.196N	P=0.083N	P=0.270N
HISTCONT SAME RTE	P=0.334	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.456	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.073		
CURR VS HC ALL RTES	P=0.102		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Hemangiosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	1/43.48	5/42.13	8/45.53
POLY-3 PERCENT (g)	2.3%	11.9%	17.6%
TERMINAL (d)	0/33 (0%)	3/25 (12%)	8/39 (21%)
FIRST INCIDENCE	645	602	730 (T)
HC TUMORS SAME ROUTE	29/250 (12%)		
HC TUMORS ALL ROUTES	92/950 (10%)		
STATISTICAL TESTS			
POLY 3	P=0.014*	P=0.093	P=0.019*
POLY 1.5	P=0.013*	P=0.097	P=0.018*
POLY 6	P=0.015*	P=0.087	P=0.020*
COCH-ARM / FISHERS	P=0.013*	P=0.102	P=0.015*
MAX-ISO-POLY-3	P=0.012*	P=0.042*	P=0.008**
HISTCONT SAME RTE	P=0.317	P=1.000	P=0.259
HISTCONT ALL RTES	P=0.070	P=1.000	P=0.053
CURR VS HC SAME RTE	P=0.051		
CURR VS HC ALL RTES	P=0.068		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Hemangiosarcoma or Hemangioma			
TUMOR RATES	#	#	#
OVERALL (a)	3/50 (6%)	5/50 (10%)	9/50 (18%)
POLY-3 RATE (b)	3/43.48	5/42.13	9/45.53
POLY-3 PERCENT (g)	6.9%	11.9%	19.8%
TERMINAL (d)	2/33 (6%)	3/25 (12%)	9/39 (23%)
FIRST INCIDENCE	645	602	730 (T)
HC TUMORS SAME ROUTE	31/250 (12%)		
HC TUMORS ALL ROUTES	102/950 (11%)		
STATISTICAL TESTS			
POLY 3	P=0.047*	P=0.338	P=0.069
POLY 1.5	P=0.044*	P=0.347	P=0.066
POLY 6	P=0.051	P=0.325	P=0.075
COCH-ARM / FISHERS	P=0.041*	P=0.357	P=0.061
MAX-ISO-POLY-3	P=0.048*	P=0.220	P=0.039*
HISTCONT SAME RTE	P=0.256	P=1.000	P=0.202
HISTCONT ALL RTES	P=0.072	P=1.000	P=0.039*
CURR VS HC SAME RTE	P=0.235		
CURR VS HC ALL RTES	P=0.307		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Histiocytic Sarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.17	0/41.62	2/45.59
POLY-3 PERCENT (g)	0%	0%	4.4%
TERMINAL (d)	0/33 (0%)	0/25 (0%)	1/39 (3%)
FIRST INCIDENCE	---	---	714
HC TUMORS SAME ROUTE	0/250 (0%)		
HC TUMORS ALL ROUTES	5/950 (1%)		
STATISTICAL TESTS			
POLY 3	P=0.100	(e)	P=0.249
POLY 1.5	P=0.097	(e)	P=0.244
POLY 6	P=0.103	(e)	P=0.257
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.064	(e)	P=0.088
HISTCONT SAME RTE	P=0.012*	(e)	P=0.020*
HISTCONT ALL RTEs	P=0.004**	(e)	P=0.003**
CURR VS HC SAME RTE	P=1.000		
CURR VS HC ALL RTEs	P=0.575		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type			
TUMOR RATES	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/43.29	1/42.25	2/45.53
POLY-3 PERCENT (g)	6.9%	2.4%	4.4%
TERMINAL (d)	2/33 (6%)	0/25 (0%)	2/39 (5%)
FIRST INCIDENCE	699	526	730 (T)
HC TUMORS SAME ROUTE	9/250 (4%)		
HC TUMORS ALL ROUTES	44/950 (5%)		
STATISTICAL TESTS			
POLY 3	P=0.386N	P=0.314N	P=0.477N
POLY 1.5	P=0.392N	P=0.310N	P=0.486N
POLY 6	P=0.377N	P=0.321N	P=0.464N
COCH-ARM / FISHERS	P=0.399N	P=0.309N	P=0.500N
MAX-ISO-POLY-3	P=0.306N	P=0.163N	P=0.308N
HISTCONT SAME RTE	P=0.585	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.426		
CURR VS HC ALL RTES	P=0.638		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	38/50 (76%)	35/50 (70%)	41/50 (82%)
POLY-3 RATE (b)	38/46.53	35/45.74	41/48.19
POLY-3 PERCENT (g)	81.7%	76.5%	85.1%
TERMINAL (d)	29/33 (88%)	20/25 (80%)	34/39 (87%)
FIRST INCIDENCE	374	426	522
HC TUMORS SAME ROUTE	168/250 (67%)		
HC TUMORS ALL ROUTES	671/950 (71%)		
STATISTICAL TESTS			
POLY 3	P=0.369	P=0.353N	P=0.428
POLY 1.5	P=0.321	P=0.343N	P=0.369
POLY 6	P=0.457	P=0.367N	P=0.528
COCH-ARM / FISHERS	P=0.279	P=0.326N	P=0.312
MAX-ISO-POLY-3	P=0.302	P=0.259N	P=0.320
HISTCONT SAME RTE	P=0.048*	P=0.297	P=0.051
HISTCONT ALL RTES	P=0.177	P=0.475	P=0.121
CURR VS HC SAME RTE	P=0.173		
CURR VS HC ALL RTES	P=0.298		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	21/50 (42%)	33/50 (66%)	34/50 (68%)
POLY-3 RATE (b)	21/47.38	33/47.46	34/48.16
POLY-3 PERCENT (g)	44.3%	69.5%	70.6%
TERMINAL (d)	10/33 (30%)	15/25 (60%)	26/39 (67%)
FIRST INCIDENCE	448	470	513
HC TUMORS SAME ROUTE	143/250 (57%)		
HC TUMORS ALL ROUTES	578/950 (61%)		
STATISTICAL TESTS			
POLY 3	P=0.004**	P=0.009**	P=0.006**
POLY 1.5	P=0.004**	P=0.010**	P=0.006**
POLY 6	P=0.005**	P=0.009**	P=0.007**
COCH-ARM / FISHERS	P=0.006**	P=0.013*	P=0.008**
MAX-ISO-POLY-3	P=0.004**	P=0.005**	P=0.003**
HISTCONT SAME RTE	P=0.142	P=0.190	P=0.162
HISTCONT ALL RTEs	P=0.206	P=0.255	P=0.210
CURR VS HC SAME RTE	P=0.092		
CURR VS HC ALL RTEs	P=0.011*		

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

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

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

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

DOSE	Males		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	47/50 (94%)	48/50 (96%)	48/50 (96%)
POLY-3 RATE (b)	47/49.32	48/49.16	48/49.41
POLY-3 PERCENT (g)	95.3%	97.6%	97.2%
TERMINAL (d)	31/33 (94%)	25/25 (100%)	38/39 (97%)
FIRST INCIDENCE	374	426	513
HC TUMORS SAME ROUTE	215/250 (86%)		
HC TUMORS ALL ROUTES	859/950 (90%)		
STATISTICAL TESTS			
POLY 3	P=0.401	P=0.465	P=0.517
POLY 1.5	P=0.404	P=0.467	P=0.514
POLY 6	P=0.393	P=0.481	P=0.513
COCH-ARM / FISHERS	P=0.406	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.374	P=0.256	P=0.304
HISTCONT SAME RTE	P=0.071	P=0.096	P=0.104
HISTCONT ALL RTES	P=0.140	P=0.170	P=0.191
CURR VS HC SAME RTE	P=0.162		
CURR VS HC ALL RTES	P=0.374		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Bone Marrow			
Hemangiosarcoma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	1/249 (0%)		
HC TUMORS ALL ROUTES	10/997 (1%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

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 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Harderian Gland Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	2/47.86	6/46.14	3/44.74
POLY-3 PERCENT (g)	4.2%	13%	6.7%
TERMINAL (d)	1/40 (3%)	4/31 (13%)	2/36 (6%)
FIRST INCIDENCE	438	556	669
HC TUMORS SAME ROUTE	32/249 (13%)		
HC TUMORS ALL ROUTES	96/999 (10%)		
STATISTICAL TESTS			
POLY 3	P=0.378	P=0.122	P=0.469
POLY 1.5	P=0.395	P=0.127	P=0.481
POLY 6	P=0.359	P=0.114	P=0.457
COCH-ARM / FISHERS	P=0.424	P=0.134	P=0.500
MAX-ISO-POLY-3	P=0.226	P=0.065	P=0.303
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=0.400	P=1.000
CURR VS HC SAME RTE	P=0.117		
CURR VS HC ALL RTES	P=0.148		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Harderian Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/47.08	1/45.44	2/45.22
POLY-3 PERCENT (g)	2.1%	2.2%	4.4%
TERMINAL (d)	1/40 (3%)	1/31 (3%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	486
HC TUMORS SAME ROUTE	2/249 (1%)		
HC TUMORS ALL ROUTES	21/999 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.370	P=0.753	P=0.486
POLY 1.5	P=0.374	P=0.756	P=0.492
POLY 6	P=0.365	P=0.746	P=0.479
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.364	P=0.489	P=0.273
HISTCONT SAME RTE	P=0.034*	P=1.000	P=0.078
HISTCONT ALL RTEs	P=0.199	P=1.000	P=0.248
CURR VS HC SAME RTE	P=0.495		
CURR VS HC ALL RTEs	P=0.922		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Harderian Gland Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/50 (6%)	7/50 (14%)	4/50 (8%)
POLY-3 RATE (b)	3/47.86	7/46.14	4/45.44
POLY-3 PERCENT (g)	6.3%	15.2%	8.8%
TERMINAL (d)	2/40 (5%)	5/31 (16%)	2/36 (6%)
FIRST INCIDENCE	438	556	486
HC TUMORS SAME ROUTE	34/249 (14%)		
HC TUMORS ALL ROUTES	117/999 (12%)		
STATISTICAL TESTS			
POLY 3	P=0.393	P=0.143	P=0.472
POLY 1.5	P=0.408	P=0.150	P=0.483
POLY 6	P=0.376	P=0.133	P=0.460
COCH-ARM / FISHERS	P=0.432	P=0.159	P=0.500
MAX-ISO-POLY-3	P=0.256	P=0.084	P=0.326
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=0.408	P=1.000
CURR VS HC SAME RTE	P=0.180		
CURR VS HC ALL RTES	P=0.168		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Large: Colon/Rectum Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/47.08	0/45.44	1/44.89
POLY-3 PERCENT (g)	0%	0%	2.2%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	624
HC TUMORS SAME ROUTE	0/249 (0%)		
HC TUMORS ALL ROUTES	0/999 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Small: Jejunum Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/249 (0%)		
HC TUMORS ALL ROUTES	2/999 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

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

Intestine Small: Site Unspecified
Carcinoma

TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	1/45.66	0/44.51
POLY-3 PERCENT (g)	0%	2.2%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	673	---
HC TUMORS SAME ROUTE	0/249 (0%)		
HC TUMORS ALL ROUTES	4/999 (0%)		

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Intestine Small: Site Unspecified Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/47.33	1/45.66	0/44.51
POLY-3 PERCENT (g)	2.1%	2.2%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	663	673	---
HC TUMORS SAME ROUTE	2/249 (1%)		
HC TUMORS ALL ROUTES	6/999 (1%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hemangioma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/47.08	0/45.44	2/44.22
POLY-3 PERCENT (g)	0%	0%	4.5%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	---	---	729 (T)
HC TUMORS SAME ROUTE	1/248 (0%)		
HC TUMORS ALL ROUTES	2/996 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.091	(e)	P=0.223
POLY 1.5	P=0.092	(e)	P=0.227
POLY 6	P=0.091	(e)	P=0.219
COCH-ARM / FISHERS	P=0.093	(e)	P=0.242
MAX-ISO-POLY-3	P=0.051	(e)	P=0.075
HISTCONT SAME RTE	P=0.026*	(e)	P=0.042*
HISTCONT ALL RTEs	P<0.001**	(e)	P<0.001**
CURR VS HC SAME RTE	P=0.328		
CURR VS HC ALL RTEs	P=0.374		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hemangiosarcoma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/47.08	1/45.44	0/44.22
POLY-3 PERCENT (g)	0%	2.2%	0%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	---	729 (T)	---
HC TUMORS SAME ROUTE	1/248 (0%)		
HC TUMORS ALL ROUTES	12/996 (1%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Hepatoblastoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.22
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	1/248 (0%)		
HC TUMORS ALL ROUTES	3/996 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Adenoma			
TUMOR RATES			
OVERALL (a)	13/50 (26%)	13/50 (26%)	15/49 (31%)
POLY-3 RATE (b)	13/47.61	13/46.05	15/44.38
POLY-3 PERCENT (g)	27.3%	28.2%	33.8%
TERMINAL (d)	9/40 (23%)	9/31 (29%)	14/36 (39%)
FIRST INCIDENCE	663	619	688
HC TUMORS SAME ROUTE	58/248 (23%)		
HC TUMORS ALL ROUTES	331/996 (33%)		
STATISTICAL TESTS			
POLY 3	P=0.289	P=0.552	P=0.326
POLY 1.5	P=0.313	P=0.571	P=0.353
POLY 6	P=0.257	P=0.518	P=0.293
COCH-ARM / FISHERS	P=0.345	P=0.590N	P=0.387
MAX-ISO-POLY-3	P=0.354	P=0.460	P=0.256
HISTCONT SAME RTE	P=0.344	P=0.462	P=0.266
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.880		
CURR VS HC ALL RTES	P=0.236		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Carcinoma			
TUMOR RATES			
OVERALL (a)	2/50 (4%)	4/50 (8%)	5/49 (10%)
POLY-3 RATE (b)	2/47.08	4/45.49	5/45.17
POLY-3 PERCENT (g)	4.3%	8.8%	11.1%
TERMINAL (d)	2/40 (5%)	3/31 (10%)	3/36 (8%)
FIRST INCIDENCE	729 (T)	718	552
HC TUMORS SAME ROUTE	25/248 (10%)		
HC TUMORS ALL ROUTES	129/996 (13%)		
STATISTICAL TESTS			
POLY 3	P=0.154	P=0.322	P=0.200
POLY 1.5	P=0.158	P=0.329	P=0.204
POLY 6	P=0.150	P=0.308	P=0.195
COCH-ARM / FISHERS	P=0.161	P=0.339	P=0.210
MAX-ISO-POLY-3	P=0.161	P=0.192	P=0.112
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.171		
CURR VS HC ALL RTES	P=0.057		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Liver			
Hepatocellular Carcinoma or Hepatoblastoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	2/50 (4%)	4/50 (8%)	5/49 (10%)
POLY-3 RATE (b)	2/47.08	4/45.49	5/45.17
POLY-3 PERCENT (g)	4.3%	8.8%	11.1%
TERMINAL (d)	2/40 (5%)	3/31 (10%)	3/36 (8%)
FIRST INCIDENCE	729 (T)	718	552
HC TUMORS SAME ROUTE	26/248 (11%)		
HC TUMORS ALL ROUTES	132/996 (13%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.154	P=0.322	P=0.200
POLY 1.5	P=0.158	P=0.329	P=0.204
POLY 6	P=0.150	P=0.308	P=0.195
COCH-ARM / FISHERS	P=0.161	P=0.339	P=0.210
MAX-ISO-POLY-3	P=0.161	P=0.192	P=0.112
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.165		
CURR VS HC ALL RTES	P=0.052		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Carcinoma or Hepatocellular Adenoma			
TUMOR RATES			
OVERALL (a)	15/50 (30%)	14/50 (28%)	18/49 (37%)
POLY-3 RATE (b)	15/47.61	14/46.05	18/45.33
POLY-3 PERCENT (g)	31.5%	30.4%	39.7%
TERMINAL (d)	11/40 (28%)	10/31 (32%)	15/36 (42%)
FIRST INCIDENCE	663	619	552
HC TUMORS SAME ROUTE	71/248 (29%)		
HC TUMORS ALL ROUTES	388/996 (39%)		
STATISTICAL TESTS			
POLY 3	P=0.237	P=0.543N	P=0.271
POLY 1.5	P=0.252	P=0.521N	P=0.287
POLY 6	P=0.217	P=0.580N	P=0.249
COCH-ARM / FISHERS	P=0.271	P=0.500N	P=0.310
MAX-ISO-POLY-3	P=0.264	P=0.454N	P=0.209
HISTCONT SAME RTE	P=0.402	P=1.000	P=0.280
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.981		
CURR VS HC ALL RTES	P=0.163		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Liver			
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma			
TUMOR RATES			
OVERALL (a)	15/50 (30%)	14/50 (28%)	18/49 (37%)
POLY-3 RATE (b)	15/47.61	14/46.05	18/45.33
POLY-3 PERCENT (g)	31.5%	30.4%	39.7%
TERMINAL (d)	11/40 (28%)	10/31 (32%)	15/36 (42%)
FIRST INCIDENCE	663	619	552
HC TUMORS SAME ROUTE	71/248 (29%)		
HC TUMORS ALL ROUTES	388/996 (39%)		
STATISTICAL TESTS			
POLY 3	P=0.237	P=0.543N	P=0.271
POLY 1.5	P=0.252	P=0.521N	P=0.287
POLY 6	P=0.217	P=0.580N	P=0.249
COCH-ARM / FISHERS	P=0.271	P=0.500N	P=0.310
MAX-ISO-POLY-3	P=0.264	P=0.454N	P=0.209
HISTCONT SAME RTE	P=0.402	P=1.000	P=0.280
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.981		
CURR VS HC ALL RTES	P=0.163		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Lung			
Alveolar/Bronchiolar Adenoma			
TUMOR RATES			
OVERALL (a)	5/50 (10%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	5/47.97	2/45.44	1/44.51
POLY-3 PERCENT (g)	10.4%	4.4%	2.3%
TERMINAL (d)	3/40 (8%)	2/31 (7%)	1/36 (3%)
FIRST INCIDENCE	563	729 (T)	729 (T)
HC TUMORS SAME ROUTE	8/248 (3%)		
HC TUMORS ALL ROUTES	49/998 (5%)		
STATISTICAL TESTS			
POLY 3	P=0.070N	P=0.239N	P=0.120N
POLY 1.5	P=0.065N	P=0.228N	P=0.112N
POLY 6	P=0.076N	P=0.256N	P=0.130N
COCH-ARM / FISHERS	P=0.060N	P=0.218N	P=0.102N
MAX-ISO-POLY-3	P=0.069N	P=0.141N	P=0.061N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.031*		
CURR VS HC ALL RTES	P=0.140		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Lung			
Alveolar/Bronchiolar Carcinoma			
TUMOR RATES			
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.11	0/45.44	0/44.51
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	722	---	---
HC TUMORS SAME ROUTE	5/248 (2%)		
HC TUMORS ALL ROUTES	38/998 (4%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Lung			
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma			
TUMOR RATES			
OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	6/48.00	2/45.44	1/44.51
POLY-3 PERCENT (g)	12.5%	4.4%	2.3%
TERMINAL (d)	3/40 (8%)	2/31 (7%)	1/36 (3%)
FIRST INCIDENCE	563	729 (T)	729 (T)
HC TUMORS SAME ROUTE	13/248 (5%)		
HC TUMORS ALL ROUTES	83/998 (8%)		
STATISTICAL TESTS			
POLY 3	P=0.034N*	P=0.152N	P=0.069N
POLY 1.5	P=0.031N*	P=0.143N	P=0.064N
POLY 6	P=0.038N*	P=0.166N	P=0.077N
COCH-ARM / FISHERS	P=0.029N*	P=0.134N	P=0.056N
MAX-ISO-POLY-3	P=0.034N*	P=0.086N	P=0.035N*
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.081		
CURR VS HC ALL RTES	P=0.444		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva) Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.68	0/45.44	0/44.51
POLY-3 PERCENT (g)	4.2%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	631	---	---
HC TUMORS SAME ROUTE	1/249 (0%)		
HC TUMORS ALL ROUTES	1/999 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.101N	P=0.248N	P=0.253N
POLY 1.5	P=0.098N	P=0.243N	P=0.246N
POLY 6	P=0.105N	P=0.257N	P=0.261N
COCH-ARM / FISHERS	P=0.095N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.068N	P=0.087N	P=0.091N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.055		
CURR VS HC ALL RTEs	P<0.001**		

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

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

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

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Ovary			
Cystadenoma			
TUMOR RATES			
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/47.08	0/45.44	1/44.51
POLY-3 PERCENT (g)	4.3%	0%	2.3%
TERMINAL (d)	2/40 (5%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)
HC TUMORS SAME ROUTE	11/247 (5%)		
HC TUMORS ALL ROUTES	47/983 (5%)		
STATISTICAL TESTS			
POLY 3	P=0.372N	P=0.245N	P=0.519N
POLY 1.5	P=0.367N	P=0.241N	P=0.511N
POLY 6	P=0.378N	P=0.252N	P=0.529N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.223N	P=0.084N	P=0.302N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.833		
CURR VS HC ALL RTES	P=0.748		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Pancreas Carcinoma			
TUMOR RATES			
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/44.75	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/247 (0%)		
HC TUMORS ALL ROUTES	0/986 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Skin			
Hemangiosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	---	---
HC TUMORS SAME ROUTE	0/249 (0%)		
HC TUMORS ALL ROUTES	11/999 (1%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
Time Report Requested: 11:53:39
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
<hr/>			
Spleen			
Hemangiosarcoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	2.1%	0%	0%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	---	---
HC TUMORS SAME ROUTE	2/246 (1%)		
HC TUMORS ALL ROUTES	19/984 (2%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Stomach, Forestomach Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	2/45.91	0/44.51
POLY-3 PERCENT (g)	0%	4.4%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	631	---
HC TUMORS SAME ROUTE	0/249 (0%)		
HC TUMORS ALL ROUTES	1/999 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.650	P=0.232	(e)
POLY 1.5	P=0.658	P=0.235	(e)
POLY 6	P=0.640	P=0.227	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.271	P=0.076	(e)
HISTCONT SAME RTE	P=0.172	P=0.020*	(e)
HISTCONT ALL RTES	P=0.045*	P<0.001**	(e)
CURR VS HC SAME RTE	P=1.000		
CURR VS HC ALL RTES	P=0.306		

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

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

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

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	2/45.91	0/44.51
POLY-3 PERCENT (g)	0%	4.4%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	631	---
HC TUMORS SAME ROUTE	10/249 (4%)		
HC TUMORS ALL ROUTES	20/999 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.650	P=0.232	(e)
POLY 1.5	P=0.658	P=0.235	(e)
POLY 6	P=0.640	P=0.227	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.271	P=0.076	(e)
HISTCONT SAME RTE	(h)	(h)	(e)
HISTCONT ALL RTES	P=1.000	P=0.244	(e)
CURR VS HC SAME RTE	P=0.084		
CURR VS HC ALL RTES	P=0.248		

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

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

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 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	10/249 (4%)		
HC TUMORS ALL ROUTES	19/999 (2%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

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

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Tooth			
Odontoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.08	0/45.44	0/44.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/31 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/249 (0%)		
HC TUMORS ALL ROUTES	0/999 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Uterus			
Sarcoma Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/47.08	0/45.44	1/44.51
POLY-3 PERCENT (g)	4.3%	0%	2.3%
TERMINAL (d)	2/40 (5%)	0/31 (0%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)
HC TUMORS SAME ROUTE	1/249 (0%)		
HC TUMORS ALL ROUTES	1/999 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.372N	P=0.245N	P=0.519N
POLY 1.5	P=0.367N	P=0.241N	P=0.511N
POLY 6	P=0.378N	P=0.252N	P=0.529N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.223N	P=0.084N	P=0.302N
HISTCONT SAME RTE	P=0.103	P=1.000	P=0.330
HISTCONT ALL RTES	P=0.003**	P=1.000	P=0.032*
CURR VS HC SAME RTE	P=0.053		
CURR VS HC ALL RTES	P<0.001**		

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

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

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 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
Uterus			
Sarcoma Stromal or Polyp Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/47.08	1/45.44	2/44.89
POLY-3 PERCENT (g)	4.3%	2.2%	4.5%
TERMINAL (d)	2/40 (5%)	1/31 (3%)	1/36 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	624
HC TUMORS SAME ROUTE	4/249 (2%)		
HC TUMORS ALL ROUTES	22/999 (2%)		
STATISTICAL TESTS			
POLY 3	P=0.598	P=0.512N	P=0.677
POLY 1.5	P=0.602	P=0.506N	P=0.683
POLY 6	P=0.592	P=0.523N	P=0.669
COCH-ARM / FISHERS	P=0.610	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.522	P=0.294N	P=0.480
HISTCONT SAME RTE	P=0.221	P=1.000	P=0.268
HISTCONT ALL RTES	P=0.327	P=1.000	P=0.328
CURR VS HC SAME RTE	P=0.342		
CURR VS HC ALL RTES	P=0.443		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Hemangioma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/47.08	0/45.44	2/44.51
POLY-3 PERCENT (g)	2.1%	0%	4.5%
TERMINAL (d)	1/40 (3%)	0/31 (0%)	2/36 (6%)
FIRST INCIDENCE	729 (T)	---	729 (T)
HC TUMORS SAME ROUTE	3/249 (1%)		
HC TUMORS ALL ROUTES	9/999 (1%)		
STATISTICAL TESTS			
POLY 3	P=0.357	P=0.507N	P=0.480
POLY 1.5	P=0.359	P=0.504N	P=0.489
POLY 6	P=0.354	P=0.513N	P=0.471
COCH-ARM / FISHERS	P=0.360	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.193	P=0.168N	P=0.270
HISTCONT SAME RTE	P=0.057	P=1.000	P=0.105
HISTCONT ALL RTEs	P=0.012*	P=1.000	P=0.011*
CURR VS HC SAME RTE	P=0.813		
CURR VS HC ALL RTEs	P=0.459		

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

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

Date Report Requested: 04/24/2013
 Time Report Requested: 11:53:39
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Hemangiosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/47.08	1/45.44	0/44.51
POLY-3 PERCENT (g)	2.1%	2.2%	0%
TERMINAL (d)	1/40 (3%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	6/249 (2%)		
HC TUMORS ALL ROUTES	48/999 (5%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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

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

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 Lab: BAT

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Hemangiosarcoma or Hemangioma			
TUMOR RATES	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/47.08	1/45.44	2/44.51
POLY-3 PERCENT (g)	4.3%	2.2%	4.5%
TERMINAL (d)	2/40 (5%)	1/31 (3%)	2/36 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	9/249 (4%)		
HC TUMORS ALL ROUTES	57/999 (6%)		
STATISTICAL TESTS			
POLY 3	P=0.596	P=0.512N	P=0.674
POLY 1.5	P=0.601	P=0.506N	P=0.682
POLY 6	P=0.589	P=0.523N	P=0.664
COCH-ARM / FISHERS	P=0.610	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.519	P=0.294N	P=0.477
HISTCONT SAME RTE	P=0.561	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.951		
CURR VS HC ALL RTES	P=0.564		

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Histiocytic Sarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/47.11	2/45.47	0/44.51
POLY-3 PERCENT (g)	2.1%	4.4%	0%
TERMINAL (d)	0/40 (0%)	1/31 (3%)	0/36 (0%)
FIRST INCIDENCE	722	723	---
HC TUMORS SAME ROUTE	8/249 (3%)		
HC TUMORS ALL ROUTES	28/999 (3%)		
STATISTICAL TESTS			
POLY 3	P=0.388N	P=0.488	P=0.511N
POLY 1.5	P=0.376N	P=0.494	P=0.507N
POLY 6	P=0.401N	P=0.477	P=0.517N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.211N	P=0.273	P=0.173N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.466	P=1.000
CURR VS HC SAME RTE	P=0.608		
CURR VS HC ALL RTES	P=0.698		

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type			
TUMOR RATES	#	#	#
OVERALL (a)	9/50 (18%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	9/47.08	4/45.58	4/44.74
POLY-3 PERCENT (g)	19.1%	8.8%	8.9%
TERMINAL (d)	9/40 (23%)	3/31 (10%)	3/36 (8%)
FIRST INCIDENCE	729 (T)	694	669
HC TUMORS SAME ROUTE	40/249 (16%)		
HC TUMORS ALL ROUTES	213/999 (21%)		
STATISTICAL TESTS			
POLY 3	P=0.089N	P=0.128N	P=0.135N
POLY 1.5	P=0.084N	P=0.122N	P=0.127N
POLY 6	P=0.094N	P=0.138N	P=0.144N
COCH-ARM / FISHERS	P=0.078N	P=0.117N	P=0.117N
MAX-ISO-POLY-3	P=0.097N	P=0.078N	P=0.086N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.867		
CURR VS HC ALL RTES	P=0.514		

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	22/50 (44%)	23/50 (46%)	21/50 (42%)
POLY-3 RATE (b)	22/49.29	23/46.74	21/45.27
POLY-3 PERCENT (g)	44.6%	49.2%	46.4%
TERMINAL (d)	15/40 (38%)	17/31 (55%)	18/36 (50%)
FIRST INCIDENCE	438	556	624
HC TUMORS SAME ROUTE	126/249 (51%)		
HC TUMORS ALL ROUTES	532/999 (53%)		
STATISTICAL TESTS			
POLY 3	P=0.467	P=0.404	P=0.514
POLY 1.5	P=0.529	P=0.446	P=0.572
POLY 6	P=0.395	P=0.343	P=0.448
COCH-ARM / FISHERS	P=0.460N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.524	P=0.330	P=0.433
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.159		
CURR VS HC ALL RTES	P=0.075		

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Tetrabromobisphenol A
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	18/50 (36%)	17/50 (34%)	15/50 (30%)
POLY-3 RATE (b)	18/48.23	17/47.25	15/46.89
POLY-3 PERCENT (g)	37.3%	36%	32%
TERMINAL (d)	13/40 (33%)	8/31 (26%)	9/36 (25%)
FIRST INCIDENCE	606	526	486
HC TUMORS SAME ROUTE	101/249 (41%)		
HC TUMORS ALL ROUTES	493/999 (49%)		
STATISTICAL TESTS			
POLY 3	P=0.333N	P=0.530N	P=0.371N
POLY 1.5	P=0.318N	P=0.514N	P=0.356N
POLY 6	P=0.352N	P=0.560N	P=0.390N
COCH-ARM / FISHERS	P=0.298N	P=0.500N	P=0.335N
MAX-ISO-POLY-3	P=0.410N	P=0.445N	P=0.296N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.487		
CURR VS HC ALL RTES	P=0.051		

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

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

DOSE	Females		
	0 mg/kg	250 mg/kg	500 mg/kg
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	32/50 (64%)	32/50 (64%)	28/50 (56%)
POLY-3 RATE (b)	32/50.00	32/48.37	28/47.26
POLY-3 PERCENT (g)	64%	66.2%	59.3%
TERMINAL (d)	22/40 (55%)	19/31 (61%)	21/36 (58%)
FIRST INCIDENCE	438	526	486
HC TUMORS SAME ROUTE	178/249 (72%)		
HC TUMORS ALL ROUTES	765/999 (77%)		
STATISTICAL TESTS			
POLY 3	P=0.359N	P=0.495	P=0.392N
POLY 1.5	P=0.307N	P=0.534	P=0.342N
POLY 6	P=0.422N	P=0.438	P=0.452N
COCH-ARM / FISHERS	P=0.236N	P=0.582N	P=0.270N
MAX-ISO-POLY-3	P=0.390N	P=0.411	P=0.319N
HISTCONT SAME RTE	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.148		
CURR VS HC ALL RTES	P=0.012*		

Experiment Number: 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Tetrabromobisphenol A

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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 ***