

Experiment Number: 20209 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Pentabromodiphenyl oxide (technical) (DE 71)
CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
Time Report Requested: 10:18:12
First Dose M/F: 08/26/08 / 08/26/08
Lab: SRI

F_Core_RE

NTP Study Number:	C20209		
Lock Date:	08/31/2011		
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:	3.0.2.1_001		
PWG Approval Date:	NONE		

Experiment Number: 20209 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 08/05/2014

Time Report Requested: 10:18:12

First Dose M/F: 08/26/08 / 08/26/08

Lab: SRI

HISTORICAL CONTROL STUDIES

From June 2013 report

SAME ROUTE

20320-03 -- Tetrabromobisphenol A (GAVAGE CORN OIL)

ALL ROUTES

20203-03 -- Green tea extract (GAVAGE WATER)

20515-03 -- Metal working fluids (CIMSTAR 3800) (INHALATION AIR)

20320-03 -- Tetrabromobisphenol A (GAVAGE CORN OIL)

Experiment Number: 20209 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 08/05/2014

Time Report Requested: 10:18:12

First Dose M/F: 08/26/08 / 08/26/08

Lab: SRI

**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

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Testes

Thymus

Thyroid Gland

Experiment Number: 20209 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Pentabromodiphenyl oxide (technical) (DE 71)
CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
Time Report Requested: 10:18:12
First Dose M/F: 08/26/08 / 08/26/08
Lab: SRI

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

MALE RATS

Organ

Islets, Pancreatic
Liver

Lung
Lymph Node, Mesenteric
Mammary Gland

Parathyroid Gland
Pituitary Gland: Pars Distalis or Unspecified Site
Thyroid Gland: Follicular Cell

All Organs

Morphology

Carcinoma or Adenoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatocellular Adenoma
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Hepatocholangioma
Alveolar/Bronchiolar Adenoma
Hemangiosarcoma
Fibroadenoma
Fibroma, Fibroadenoma or Adenoma
Fibroma, Fibroadenoma, Carcinoma, or Adenoma
Adenoma
Adenoma
Adenoma
Carcinoma or Adenoma
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type
Benign Tumors
Malignant and Benign Tumors

FEMALE RATS

Organ

Liver

Mammary Gland
All Organs

Morphology

Cholangiocarcinoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatocellular Adenoma
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Hepatocholangioma
Carcinoma
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type
Benign Tumors
Malignant Tumors
Malignant and Benign Tumors

Experiment Number: 20209 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 08/05/2014

Time Report Requested: 10:18:12

First Dose M/F: 08/26/08 / 08/26/08

Lab: SRI

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

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	1/48 (2%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	1/42.38	1/41.16	1/43.29	0/38.75
POLY-3 PERCENT (g)	2.4%	2.4%	2.3%	0%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	0/49 (0%)			
HC TUMORS ALL ROUTES	5/149 (3%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Brain				
Glioma Malignant				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/42.61	0/41.85	2/43.52	0/39.30
POLY-3 PERCENT (g)	2.4%	0%	4.6%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	669	---	669	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.483N	P=0.504N	P=0.507	P=0.516N
POLY 1.5	P=0.467N	P=0.500N	P=0.511	P=0.505N
POLY 6	P=0.503N	P=0.506N	P=0.506	P=0.530N
COCH-ARM / FISHERS	P=0.456N	P=0.495N	P=0.508	P=0.495N
MAX-ISO-POLY-3	P=0.366N	P=0.164N	P=0.288	P=0.179N
HISTCONT SAME RTE	P=0.391	(e)	P=0.316	(e)
HISTCONT ALL RTES	P=0.390	P=1.000	P=0.135	P=1.000
CURR VS HC SAME RTE	P=0.415			
CURR VS HC ALL RTES	P=0.407			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Brain				
Granular Cell Tumor Benign				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/42.61	0/41.85	1/43.29	3/40.26
POLY-3 PERCENT (g)	2.4%	0%	2.3%	7.5%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	1/38 (3%)	1/25 (4%)
FIRST INCIDENCE	669	---	729 (T)	558
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.071	P=0.504N	P=0.757N	P=0.285
POLY 1.5	P=0.075	P=0.500N	P=0.754N	P=0.300
POLY 6	P=0.065	P=0.506N	P=0.759N	P=0.267
COCH-ARM / FISHERS	P=0.079	P=0.495N	P=0.747N	P=0.316
MAX-ISO-POLY-3	P=0.086	P=0.164N	P=0.495N	P=0.147
HISTCONT SAME RTE	P=0.144	P=1.000	P=1.000	P=0.311
HISTCONT ALL RTES	P=0.098	P=1.000	P=1.000	P=0.130
CURR VS HC SAME RTE	P=0.761			
CURR VS HC ALL RTES	P=0.972			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	4/49 (8%)	2/49 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	4/42.73	2/41.16	2/43.29	1/39.30
POLY-3 PERCENT (g)	9.4%	4.9%	4.6%	2.5%
TERMINAL (d)	3/36 (8%)	2/35 (6%)	2/38 (5%)	1/25 (4%)
FIRST INCIDENCE	630	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.215N	P=0.354N	P=0.331N	P=0.204N
POLY 1.5	P=0.202N	P=0.347N	P=0.324N	P=0.187N
POLY 6	P=0.234N	P=0.359N	P=0.335N	P=0.228N
COCH-ARM / FISHERS	P=0.191N	P=0.339N	P=0.329N	P=0.175N
MAX-ISO-POLY-3	P=0.162N	P=0.218N	P=0.196N	P=0.109N
HISTCONT SAME RTE	P=0.345	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.205	P=0.135	P=0.139	P=0.473
CURR VS HC SAME RTE	P=0.220			
CURR VS HC ALL RTEs	P=0.007**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Islets, Pancreatic Carcinoma				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/42.38	0/41.16	1/43.75	0/39.30
POLY-3 PERCENT (g)	4.7%	0%	2.3%	0%
TERMINAL (d)	2/36 (6%)	0/35 (0%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	729 (T)	---	595	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.302N	P=0.243N	P=0.489N	P=0.254N
POLY 1.5	P=0.294N	P=0.241N	P=0.487N	P=0.242N
POLY 6	P=0.312N	P=0.244N	P=0.488N	P=0.269N
COCH-ARM / FISHERS	P=0.290N	P=0.247N	P=0.492N	P=0.242N
MAX-ISO-POLY-3	P=0.105N	P=0.082N	P=0.273N	P=0.093N
HISTCONT SAME RTE	P=0.394	(e)	P=1.000	(e)
HISTCONT ALL RTES	P=0.277	(e)	P=0.242	(e)
CURR VS HC SAME RTE	P=0.168			
CURR VS HC ALL RTES	P=0.013*			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	6/49 (12%)	2/49 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	6/42.73	2/41.16	3/43.75	1/39.30
POLY-3 PERCENT (g)	14%	4.9%	6.9%	2.5%
TERMINAL (d)	5/36 (14%)	2/35 (6%)	2/38 (5%)	1/25 (4%)
FIRST INCIDENCE	630	729 (T)	595	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.111N	P=0.144N	P=0.229N	P=0.069N
POLY 1.5	P=0.101N	P=0.140N	P=0.225N	P=0.060N
POLY 6	P=0.126N	P=0.147N	P=0.231N	P=0.083N
COCH-ARM / FISHERS	P=0.095N	P=0.134N	P=0.233N	P=0.053N
MAX-ISO-POLY-3	P=0.046N*	P=0.079N	P=0.139N	P=0.036N*
HISTCONT SAME RTE	P=0.374	P=1.000	P=0.328	P=1.000
HISTCONT ALL RTEs	P=0.216	P=0.135	P=0.066	P=0.473
CURR VS HC SAME RTE	P=0.057			
CURR VS HC ALL RTEs	P<0.001**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Cholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	0/41.85	0/43.29	0/39.30
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	3/49 (6%)	2/50 (4%)	4/50 (8%)	8/50 (16%)
POLY-3 RATE (b)	3/42.38	2/42.11	4/43.29	8/40.38
POLY-3 PERCENT (g)	7.1%	4.8%	9.2%	19.8%
TERMINAL (d)	3/36 (8%)	1/35 (3%)	4/38 (11%)	3/25 (12%)
FIRST INCIDENCE	729 (T)	658	729 (T)	595
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.016*	P=0.503N	P=0.512	P=0.081
POLY 1.5	P=0.019*	P=0.498N	P=0.517	P=0.094
POLY 6	P=0.013*	P=0.504N	P=0.509	P=0.070
COCH-ARM / FISHERS	P=0.022*	P=0.490N	P=0.511	P=0.106
MAX-ISO-POLY-3	P=0.026*	P=0.327N	P=0.358	P=0.047*
HISTCONT SAME RTE	P=0.083	P=0.313	P=0.229	P=0.182
HISTCONT ALL RTES	P=0.014*	P=0.078	P=0.034*	P=0.020*
CURR VS HC SAME RTE	P=0.078			
CURR VS HC ALL RTES	P=0.002**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.38	0/41.85	0/43.29	2/39.75
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/38 (0%)	1/25 (4%)
FIRST INCIDENCE	---	---	---	595
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.037*	(e)	(e)	P=0.223
POLY 1.5	P=0.039*	(e)	(e)	P=0.233
POLY 6	P=0.035*	(e)	(e)	P=0.211
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.253
MAX-ISO-POLY-3	P=0.036*	(e)	(e)	P=0.076
HISTCONT SAME RTE	P=0.136	(e)	(e)	P=0.308
HISTCONT ALL RTES	P=0.044*	(e)	(e)	P=0.079
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	3/49 (6%)	2/50 (4%)	4/50 (8%)	9/50 (18%)
POLY-3 RATE (b)	3/42.38	2/42.11	4/43.29	9/40.38
POLY-3 PERCENT (g)	7.1%	4.8%	9.2%	22.3%
TERMINAL (d)	3/36 (8%)	1/35 (3%)	4/38 (11%)	4/25 (16%)
FIRST INCIDENCE	729 (T)	658	729 (T)	595
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.006**	P=0.503N	P=0.512	P=0.047*
POLY 1.5	P=0.007**	P=0.498N	P=0.517	P=0.056
POLY 6	P=0.004**	P=0.504N	P=0.509	P=0.039*
COCH-ARM / FISHERS	P=0.009**	P=0.490N	P=0.511	P=0.065
MAX-ISO-POLY-3	P=0.009**	P=0.327N	P=0.358	P=0.026*
HISTCONT SAME RTE	P=0.083	P=0.313	P=0.229	P=0.176
HISTCONT ALL RTES	P=0.013*	P=0.078	P=0.034*	P=0.019*
CURR VS HC SAME RTE	P=0.078			
CURR VS HC ALL RTES	P=0.002**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	3/49 (6%)	2/50 (4%)	4/50 (8%)	9/50 (18%)
POLY-3 RATE (b)	3/42.38	2/42.11	4/43.29	9/40.38
POLY-3 PERCENT (g)	7.1%	4.8%	9.2%	22.3%
TERMINAL (d)	3/36 (8%)	1/35 (3%)	4/38 (11%)	4/25 (16%)
FIRST INCIDENCE	729 (T)	658	729 (T)	595
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.006**	P=0.503N	P=0.512	P=0.047*
POLY 1.5	P=0.007**	P=0.498N	P=0.517	P=0.056
POLY 6	P=0.004**	P=0.504N	P=0.509	P=0.039*
COCH-ARM / FISHERS	P=0.009**	P=0.490N	P=0.511	P=0.065
MAX-ISO-POLY-3	P=0.009**	P=0.327N	P=0.358	P=0.026*
HISTCONT SAME RTE	P=0.083	P=0.313	P=0.229	P=0.176
HISTCONT ALL RTES	P=0.013*	P=0.078	P=0.034*	P=0.019*
CURR VS HC SAME RTE	P=0.078			
CURR VS HC ALL RTES	P=0.002**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocholangioma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.38	0/41.85	0/43.29	2/39.41
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/38 (0%)	1/25 (4%)
FIRST INCIDENCE	---	---	---	701
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.037*	(e)	(e)	P=0.221
POLY 1.5	P=0.039*	(e)	(e)	P=0.232
POLY 6	P=0.035*	(e)	(e)	P=0.208
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.253
MAX-ISO-POLY-3	P=0.036*	(e)	(e)	P=0.076
HISTCONT SAME RTE	P=0.136	(e)	(e)	P=0.307
HISTCONT ALL RTES	P=0.044*	(e)	(e)	P=0.079
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	3/41.85	0/43.29	0/39.30
POLY-3 PERCENT (g)	0%	7.2%	0%	0%
TERMINAL (d)	0/36 (0%)	3/35 (9%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.249N	P=0.116	(e)	(e)
POLY 1.5	P=0.241N	P=0.119	(e)	(e)
POLY 6	P=0.258N	P=0.114	(e)	(e)
COCH-ARM / FISHERS	P=0.234N	P=0.125	(e)	(e)
MAX-ISO-POLY-3	P=0.199N	P=0.038*	(e)	(e)
HISTCONT SAME RTE	P=0.512	P=0.256	(e)	(e)
HISTCONT ALL RTES	P=0.541	P=0.065	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.402			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Lymph Node, Mesenteric Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/42.38	0/41.85	2/44.01	1/39.30
POLY-3 PERCENT (g)	2.4%	0%	4.5%	2.5%
TERMINAL (d)	1/36 (3%)	0/35 (0%)	1/38 (3%)	1/25 (4%)
FIRST INCIDENCE	729 (T)	---	476	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.524	P=0.503N	P=0.513	P=0.744
POLY 1.5	P=0.544	P=0.500N	P=0.515	P=0.755
POLY 6	P=0.497	P=0.504N	P=0.514	P=0.729
COCH-ARM / FISHERS	P=0.559	P=0.495N	P=0.508	P=0.747N
MAX-ISO-POLY-3	P=0.405	P=0.163N	P=0.294	P=0.478
HISTCONT SAME RTE	P=0.327	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.193	P=1.000	P=0.139	P=0.471
CURR VS HC SAME RTE	P=0.790			
CURR VS HC ALL RTES	P=0.425			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Lymph Node, Mesenteric Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/49 (14%)	2/50 (4%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	7/43.41	2/41.85	3/43.29	4/39.41
POLY-3 PERCENT (g)	16.1%	4.8%	6.9%	10.2%
TERMINAL (d)	5/36 (14%)	2/35 (6%)	3/38 (8%)	3/25 (12%)
FIRST INCIDENCE	515	729 (T)	729 (T)	701
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.516N	P=0.087N	P=0.157N	P=0.318N
POLY 1.5	P=0.492N	P=0.081N	P=0.150N	P=0.281N
POLY 6	P=0.546N	P=0.091N	P=0.163N	P=0.365N
COCH-ARM / FISHERS	P=0.475N	P=0.075N	P=0.151N	P=0.251N
MAX-ISO-POLY-3	P=0.157N	P=0.046N*	P=0.091N	P=0.225N
HISTCONT SAME RTE	P=0.087	P=1.000	P=0.326	P=0.253
HISTCONT ALL RTEs	P=0.086	P=0.487	P=0.238	P=0.109
CURR VS HC SAME RTE	P=0.031*			
CURR VS HC ALL RTEs	P=0.007**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	0/41.85	0/43.29	0/39.30
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	0/41.85	3/43.29	0/39.30
POLY-3 PERCENT (g)	0%	0%	6.9%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	3/38 (8%)	0/25 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.667N	(e)	P=0.122	(e)
POLY 1.5	P=0.646N	(e)	P=0.124	(e)
POLY 6	P=0.688	(e)	P=0.121	(e)
COCH-ARM / FISHERS	P=0.629N	(e)	P=0.125	(e)
MAX-ISO-POLY-3	P=0.191	(e)	P=0.040*	(e)
HISTCONT SAME RTE	P=0.494	(e)	P=0.326	(e)
HISTCONT ALL RTEs	P=0.340	(e)	P=0.066	(e)
CURR VS HC SAME RTE	P=0.178			
CURR VS HC ALL RTEs	P=0.444			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland				
Fibroma, Fibroadenoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	1/42.31	3/43.29	0/39.30
POLY-3 PERCENT (g)	0%	2.4%	6.9%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	3/38 (8%)	0/25 (0%)
FIRST INCIDENCE	---	592	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.515N	P=0.500	P=0.122	(e)
POLY 1.5	P=0.490N	P=0.501	P=0.124	(e)
POLY 6	P=0.545N	P=0.499	P=0.121	(e)
COCH-ARM / FISHERS	P=0.471N	P=0.505	P=0.125	(e)
MAX-ISO-POLY-3	P=0.250	P=0.160	P=0.040*	(e)
HISTCONT SAME RTE	P=0.608	P=1.000	P=0.326	(e)
HISTCONT ALL RTES	P=0.353	P=1.000	P=0.066	(e)
CURR VS HC SAME RTE	P=0.178			
CURR VS HC ALL RTES	P=0.444			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	1/42.31	3/43.29	0/39.30
POLY-3 PERCENT (g)	0%	2.4%	6.9%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	3/38 (8%)	0/25 (0%)
FIRST INCIDENCE	---	592	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.515N	P=0.500	P=0.122	(e)
POLY 1.5	P=0.490N	P=0.501	P=0.124	(e)
POLY 6	P=0.545N	P=0.499	P=0.121	(e)
COCH-ARM / FISHERS	P=0.471N	P=0.505	P=0.125	(e)
MAX-ISO-POLY-3	P=0.250	P=0.160	P=0.040*	(e)
HISTCONT SAME RTE	P=0.608	P=1.000	P=0.326	(e)
HISTCONT ALL RTES	P=0.353	P=1.000	P=0.066	(e)
CURR VS HC SAME RTE	P=0.178			
CURR VS HC ALL RTES	P=0.444			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pancreas Adenoma				
TUMOR RATES				
OVERALL (a)	1/46 (2%)	1/47 (2%)	3/50 (6%)	1/49 (2%)
POLY-3 RATE (b)	1/40.96	1/39.74	3/43.29	1/38.34
POLY-3 PERCENT (g)	2.4%	2.5%	6.9%	2.6%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	3/38 (8%)	1/25 (4%)
FIRST INCIDENCE	620	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.636	P=0.754	P=0.325	P=0.746
POLY 1.5	P=0.613N	P=0.759	P=0.334	P=0.760N
POLY 6	P=0.595	P=0.751	P=0.316	P=0.726
COCH-ARM / FISHERS	P=0.591N	P=0.747N	P=0.341	P=0.737N
MAX-ISO-POLY-3	P=0.470	P=0.491	P=0.169	P=0.481
HISTCONT SAME RTE	P=0.387	P=1.000	P=0.326	P=1.000
HISTCONT ALL RTES	P=0.228	P=1.000	P=0.081	P=1.000
CURR VS HC SAME RTE	P=0.841			
CURR VS HC ALL RTES	P=0.794			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pancreas				
Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/46 (2%)	1/47 (2%)	3/50 (6%)	1/49 (2%)
POLY-3 RATE (b)	1/40.96	1/39.74	3/43.29	1/38.34
POLY-3 PERCENT (g)	2.4%	2.5%	6.9%	2.6%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	3/38 (8%)	1/25 (4%)
FIRST INCIDENCE	620	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.636	P=0.754	P=0.325	P=0.746
POLY 1.5	P=0.613N	P=0.759	P=0.334	P=0.760N
POLY 6	P=0.595	P=0.751	P=0.316	P=0.726
COCH-ARM / FISHERS	P=0.591N	P=0.747N	P=0.341	P=0.737N
MAX-ISO-POLY-3	P=0.470	P=0.491	P=0.169	P=0.481
HISTCONT SAME RTE	P=0.387	P=1.000	P=0.326	P=1.000
HISTCONT ALL RTES	P=0.228	P=1.000	P=0.081	P=1.000
CURR VS HC SAME RTE	P=0.841			
CURR VS HC ALL RTES	P=0.794			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Parathyroid Gland Adenoma				
TUMOR RATES				
OVERALL (a)	2/47 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/41.77	0/40.85	0/43.29	0/39.30
POLY-3 PERCENT (g)	4.8%	0%	0%	0%
TERMINAL (d)	1/35 (3%)	0/34 (0%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	619	---	---	---
HC TUMORS SAME ROUTE	0/45 (0%)			
HC TUMORS ALL ROUTES	0/135 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.262N	P=0.242N	P=0.229N	P=0.251N
POLY 1.5	P=0.263N	P=0.238N	P=0.226N	P=0.238N
POLY 6	P=0.262N	P=0.245N	P=0.231N	P=0.267N
COCH-ARM / FISHERS	P=0.270N	P=0.237N	P=0.232N	P=0.232N
MAX-ISO-POLY-3	P=0.048N*	P=0.082N	P=0.072N	P=0.092N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.207			
CURR VS HC ALL RTES	P=0.019*			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	19/49 (39%)	12/49 (24%)	22/50 (44%)	35/50 (70%)
POLY-3 RATE (b)	19/46.69	12/42.72	22/46.38	35/48.83
POLY-3 PERCENT (g)	40.7%	28.1%	47.4%	71.7%
TERMINAL (d)	10/36 (28%)	7/35 (20%)	16/38 (42%)	13/25 (52%)
FIRST INCIDENCE	508	485	436	351
HC TUMORS SAME ROUTE	21/50 (42%)			
HC TUMORS ALL ROUTES	54/149 (36%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.152N	P=0.328	P<0.001**
POLY 1.5	P<0.001**	P=0.126N	P=0.364	P=0.002**
POLY 6	P<0.001**	P=0.178N	P=0.298	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.096N	P=0.373	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P=0.115N	P=0.259	P<0.001**
HISTCONT SAME RTE	P=0.097	P=1.000	P=1.000	P=0.175
HISTCONT ALL RTES	P=0.015*	P=1.000	P=0.158	P=0.020*
CURR VS HC SAME RTE	P=0.514			
CURR VS HC ALL RTES	P=0.926			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pituitary Gland: Pars Intermedia Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	2/40.96	0/43.29	0/39.30
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/36 (0%)	2/35 (6%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	5/149 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.365N	P=0.229	(e)	(e)
POLY 1.5	P=0.358N	P=0.232	(e)	(e)
POLY 6	P=0.372N	P=0.228	(e)	(e)
COCH-ARM / FISHERS	P=0.350N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.280N	P=0.076	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	P=1.000	P=1.000	(e)	(e)
CURR VS HC SAME RTE	P=0.081			
CURR VS HC ALL RTES	P=0.133			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Salivary Glands Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/46 (2%)	0/48 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/40.97	0/40.16	2/43.52	0/39.30
POLY-3 PERCENT (g)	2.4%	0%	4.6%	0%
TERMINAL (d)	1/36 (3%)	0/34 (0%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	729 (T)	---	669	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.471N	P=0.504N	P=0.521	P=0.508N
POLY 1.5	P=0.455N	P=0.501N	P=0.525	P=0.497N
POLY 6	P=0.492N	P=0.506N	P=0.519	P=0.522N
COCH-ARM / FISHERS	P=0.442N	P=0.489N	P=0.532	P=0.479N
MAX-ISO-POLY-3	P=0.357N	P=0.166N	P=0.300	P=0.174N
HISTCONT SAME RTE	P=0.391	(e)	P=0.316	(e)
HISTCONT ALL RTEs	P=0.273	(e)	P=0.077	(e)
CURR VS HC SAME RTE	P=0.324			
CURR VS HC ALL RTEs	P=0.086			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 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)	3/49 (6%)	2/50 (4%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	3/42.89	2/41.85	3/43.29	2/39.30
POLY-3 PERCENT (g)	7%	4.8%	6.9%	5.1%
TERMINAL (d)	2/36 (6%)	2/35 (6%)	3/38 (8%)	2/25 (8%)
FIRST INCIDENCE	574	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	7/50 (14%)			
HC TUMORS ALL ROUTES	15/150 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.528N	P=0.511N	P=0.658N	P=0.540N
POLY 1.5	P=0.504N	P=0.503N	P=0.651N	P=0.514N
POLY 6	P=0.558N	P=0.518N	P=0.662	P=0.571N
COCH-ARM / FISHERS	P=0.485N	P=0.490N	P=0.651N	P=0.490N
MAX-ISO-POLY-3	P=0.577N	P=0.336N	P=0.495N	P=0.365N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.143			
CURR VS HC ALL RTEs	P=0.433			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/49 (2%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/42.38	3/41.85	1/43.29	0/39.30
POLY-3 PERCENT (g)	2.4%	7.2%	2.3%	0%
TERMINAL (d)	1/36 (3%)	3/35 (9%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.177N	P=0.300	P=0.756N	P=0.515N
POLY 1.5	P=0.167N	P=0.305	P=0.754N	P=0.505N
POLY 6	P=0.189N	P=0.297	P=0.757N	P=0.528N
COCH-ARM / FISHERS	P=0.158N	P=0.316	P=0.747N	P=0.495N
MAX-ISO-POLY-3	P=0.189N	P=0.153	P=0.493N	P=0.178N
HISTCONT SAME RTE	P=0.417	P=0.256	P=1.000	(e)
HISTCONT ALL RTES	P=0.514	P=0.079	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.399			
CURR VS HC ALL RTES	P=0.769			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/49 (2%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/42.38	4/42.33	1/43.29	1/39.30
POLY-3 PERCENT (g)	2.4%	9.5%	2.3%	2.5%
TERMINAL (d)	1/36 (3%)	3/35 (9%)	1/38 (3%)	1/25 (4%)
FIRST INCIDENCE	729 (T)	585	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.345N	P=0.178	P=0.756N	P=0.744
POLY 1.5	P=0.328N	P=0.181	P=0.754N	P=0.755
POLY 6	P=0.364N	P=0.177	P=0.757N	P=0.729
COCH-ARM / FISHERS	P=0.314N	P=0.187	P=0.747N	P=0.747N
MAX-ISO-POLY-3	P=0.371N	P=0.084	P=0.493N	P=0.478
HISTCONT SAME RTE	P=0.347	P=0.228	P=1.000	P=0.496
HISTCONT ALL RTES	P=0.463	P=0.071	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.399			
CURR VS HC ALL RTES	P=0.980			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/49 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/42.89	0/41.85	1/43.29	0/39.30
POLY-3 PERCENT (g)	4.7%	0%	2.3%	0%
TERMINAL (d)	1/36 (3%)	0/35 (0%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	574	---	729 (T)	---
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.302N	P=0.242N	P=0.497N	P=0.257N
POLY 1.5	P=0.295N	P=0.238N	P=0.491N	P=0.244N
POLY 6	P=0.312N	P=0.246N	P=0.501N	P=0.274N
COCH-ARM / FISHERS	P=0.292N	P=0.242N	P=0.492N	P=0.242N
MAX-ISO-POLY-3	P=0.108N	P=0.082N	P=0.278N	P=0.096N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.371			
CURR VS HC ALL RTEs	P=0.850			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/42.38	1/41.85	1/44.23	2/39.50
POLY-3 PERCENT (g)	0%	2.4%	2.3%	5.1%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	0/38 (0%)	1/25 (4%)
FIRST INCIDENCE	---	729 (T)	289	676
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.185	P=0.497	P=0.509	P=0.222
POLY 1.5	P=0.197	P=0.500	P=0.510	P=0.232
POLY 6	P=0.171	P=0.496	P=0.508	P=0.209
COCH-ARM / FISHERS	P=0.207	P=0.505	P=0.505	P=0.253
MAX-ISO-POLY-3	P=0.126	P=0.160	P=0.168	P=0.076
HISTCONT SAME RTE	P=0.331	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.325	P=1.000	P=1.000	P=0.448
CURR VS HC SAME RTE	P=0.099			
CURR VS HC ALL RTES	P=0.243			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/42.38	1/41.85	1/43.29	2/39.30
POLY-3 PERCENT (g)	0%	2.4%	2.3%	5.1%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	1/38 (3%)	2/25 (8%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.184	P=0.497	P=0.504	P=0.220
POLY 1.5	P=0.197	P=0.500	P=0.506	P=0.232
POLY 6	P=0.169	P=0.496	P=0.503	P=0.207
COCH-ARM / FISHERS	P=0.207	P=0.505	P=0.505	P=0.253
MAX-ISO-POLY-3	P=0.126	P=0.160	P=0.163	P=0.076
HISTCONT SAME RTE	P=0.142	P=1.000	P=1.000	P=0.492
HISTCONT ALL RTES	P=0.078	P=1.000	P=1.000	P=0.184
CURR VS HC SAME RTE	P=0.178			
CURR VS HC ALL RTES	P=0.299			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/49 (4%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/42.89	1/41.85	2/43.29	2/39.30
POLY-3 PERCENT (g)	4.7%	2.4%	4.6%	5.1%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	2/38 (5%)	2/25 (8%)
FIRST INCIDENCE	574	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	10/150 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.492	P=0.509N	P=0.691N	P=0.662
POLY 1.5	P=0.514	P=0.502N	P=0.685N	P=0.683
POLY 6	P=0.463	P=0.514N	P=0.694	P=0.636
COCH-ARM / FISHERS	P=0.532	P=0.492N	P=0.684N	P=0.684N
MAX-ISO-POLY-3	P=0.583	P=0.291N	P=0.495N	P=0.465
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.211			
CURR VS HC ALL RTES	P=0.525			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/49 (4%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/42.89	1/41.85	2/43.29	2/39.30
POLY-3 PERCENT (g)	4.7%	2.4%	4.6%	5.1%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	2/38 (5%)	2/25 (8%)
FIRST INCIDENCE	574	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	9/150 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.492	P=0.509N	P=0.691N	P=0.662
POLY 1.5	P=0.514	P=0.502N	P=0.685N	P=0.683
POLY 6	P=0.463	P=0.514N	P=0.694	P=0.636
COCH-ARM / FISHERS	P=0.532	P=0.492N	P=0.684N	P=0.684N
MAX-ISO-POLY-3	P=0.583	P=0.291N	P=0.495N	P=0.465
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.211			
CURR VS HC ALL RTEs	P=0.620			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Testes				
Adenoma				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	4/49 (8%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/42.76	4/41.64	2/43.29	4/39.89
POLY-3 PERCENT (g)	4.7%	9.6%	4.6%	10%
TERMINAL (d)	1/36 (3%)	3/35 (9%)	2/38 (5%)	2/25 (8%)
FIRST INCIDENCE	620	585	729 (T)	610
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.346	P=0.324	P=0.690N	P=0.305
POLY 1.5	P=0.370	P=0.329	P=0.684N	P=0.327
POLY 6	P=0.319	P=0.323	P=0.694N	P=0.280
COCH-ARM / FISHERS	P=0.390	P=0.339	P=0.684N	P=0.349
MAX-ISO-POLY-3	P=0.302	P=0.193	P=0.494N	P=0.185
HISTCONT SAME RTE	P=0.118	P=0.227	P=0.316	P=0.225
HISTCONT ALL RTES	P=0.122	P=0.091	P=1.000	P=0.090
CURR VS HC SAME RTE	P=0.178			
CURR VS HC ALL RTES	P=0.651			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thymus				
Thymoma: Benign, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/45 (0%)	0/49 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/40.57	0/40.85	2/43.96	0/39.30
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/36 (0%)	0/34 (0%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	---	---	480	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	4/138 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.705N	(e)	P=0.255	(e)
POLY 1.5	P=0.688N	(e)	P=0.256	(e)
POLY 6	P=0.722	(e)	P=0.255	(e)
COCH-ARM / FISHERS	P=0.671N	(e)	P=0.269	(e)
MAX-ISO-POLY-3	P=0.285	(e)	P=0.089	(e)
HISTCONT SAME RTE	P=0.570	(e)	P=1.000	(e)
HISTCONT ALL RTES	P=1.000	(e)	P=1.000	(e)
CURR VS HC SAME RTE	P=0.273			
CURR VS HC ALL RTES	P=0.144			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	11/45 (24%)	12/45 (27%)	11/48 (23%)	6/46 (13%)
POLY-3 RATE (b)	11/40.57	12/40.67	11/43.58	6/36.85
POLY-3 PERCENT (g)	27.1%	29.5%	25.2%	16.3%
TERMINAL (d)	11/36 (31%)	9/35 (26%)	9/38 (24%)	5/25 (20%)
FIRST INCIDENCE	729 (T)	485	592	698
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	16/150 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.116N	P=0.503	P=0.521N	P=0.190N
POLY 1.5	P=0.091N	P=0.500	P=0.520N	P=0.161N
POLY 6	P=0.153N	P=0.519	P=0.515N	P=0.229N
COCH-ARM / FISHERS	P=0.065N	P=0.500	P=0.528N	P=0.130N
MAX-ISO-POLY-3	P=0.189N	P=0.404	P=0.422N	P=0.136N
HISTCONT SAME RTE	P=0.274	P=0.193	P=0.207	P=0.361
HISTCONT ALL RTES	P=0.226	P=0.031*	P=0.040*	P=0.275
CURR VS HC SAME RTE	P=0.100			
CURR VS HC ALL RTES	P=0.018*			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	11/45 (24%)	12/45 (27%)	11/48 (23%)	7/46 (15%)
POLY-3 RATE (b)	11/40.57	12/40.67	11/43.58	7/36.85
POLY-3 PERCENT (g)	27.1%	29.5%	25.2%	19%
TERMINAL (d)	11/36 (31%)	9/35 (26%)	9/38 (24%)	6/25 (24%)
FIRST INCIDENCE	729 (T)	485	592	698
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	16/150 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.190N	P=0.503	P=0.521N	P=0.282N
POLY 1.5	P=0.154N	P=0.500	P=0.520N	P=0.243N
POLY 6	P=0.242N	P=0.519	P=0.515N	P=0.332N
COCH-ARM / FISHERS	P=0.114N	P=0.500	P=0.528N	P=0.200N
MAX-ISO-POLY-3	P=0.310N	P=0.404	P=0.422N	P=0.211N
HISTCONT SAME RTE	P=0.226	P=0.193	P=0.207	P=0.270
HISTCONT ALL RTES	P=0.197	P=0.031*	P=0.040*	P=0.133
CURR VS HC SAME RTE	P=0.100			
CURR VS HC ALL RTES	P=0.018*			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	1/45 (2%)	3/45 (7%)	2/48 (4%)	6/46 (13%)
POLY-3 RATE (b)	1/40.57	3/39.70	2/42.73	6/37.19
POLY-3 PERCENT (g)	2.5%	7.6%	4.7%	16.1%
TERMINAL (d)	1/36 (3%)	2/35 (6%)	2/38 (5%)	4/25 (16%)
FIRST INCIDENCE	729 (T)	647	729 (T)	609
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.028*	P=0.297	P=0.518	P=0.042*
POLY 1.5	P=0.033*	P=0.300	P=0.521	P=0.049*
POLY 6	P=0.023*	P=0.298	P=0.516	P=0.035*
COCH-ARM / FISHERS	P=0.040*	P=0.308	P=0.524	P=0.059
MAX-ISO-POLY-3	P=0.024*	P=0.150	P=0.297	P=0.021*
HISTCONT SAME RTE	P=0.156	P=1.000	P=1.000	P=0.243
HISTCONT ALL RTES	P=0.048*	P=0.221	P=1.000	P=0.049*
CURR VS HC SAME RTE	P=0.328			
CURR VS HC ALL RTES	P=0.834			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: Follicular Cell Carcinoma				
TUMOR RATES				
OVERALL (a)	0/45 (0%)	2/45 (4%)	1/48 (2%)	0/46 (0%)
POLY-3 RATE (b)	0/40.57	2/39.40	1/42.73	0/36.73
POLY-3 PERCENT (g)	0%	5.1%	2.3%	0%
TERMINAL (d)	0/36 (0%)	2/35 (6%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.384N	P=0.230	P=0.510	(e)
POLY 1.5	P=0.370N	P=0.233	P=0.512	(e)
POLY 6	P=0.400N	P=0.229	P=0.509	(e)
COCH-ARM / FISHERS	P=0.352N	P=0.247	P=0.516	(e)
MAX-ISO-POLY-3	P=0.363	P=0.075	P=0.168	(e)
HISTCONT SAME RTE	P=0.392	P=0.307	P=1.000	(e)
HISTCONT ALL RTES	P=0.300	P=0.074	P=0.238	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/45 (2%)	5/45 (11%)	3/48 (6%)	6/46 (13%)
POLY-3 RATE (b)	1/40.57	5/39.70	3/42.73	6/37.19
POLY-3 PERCENT (g)	2.5%	12.6%	7%	16.1%
TERMINAL (d)	1/36 (3%)	4/35 (11%)	3/38 (8%)	4/25 (16%)
FIRST INCIDENCE	729 (T)	647	729 (T)	609
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.089	P=0.095	P=0.324	P=0.042*
POLY 1.5	P=0.102	P=0.097	P=0.327	P=0.049*
POLY 6	P=0.075	P=0.095	P=0.321	P=0.035*
COCH-ARM / FISHERS	P=0.123	P=0.101	P=0.333	P=0.059
MAX-ISO-POLY-3	P=0.041*	P=0.042*	P=0.169	P=0.021*
HISTCONT SAME RTE	P=0.150	P=0.305	P=1.000	P=0.243
HISTCONT ALL RTES	P=0.082	P=0.069	P=0.247	P=0.049*
CURR VS HC SAME RTE	P=0.328			
CURR VS HC ALL RTES	P=0.834			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/49 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/42.38	1/41.85	2/44.01	1/39.30
POLY-3 PERCENT (g)	2.4%	2.4%	4.5%	2.5%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	1/38 (3%)	1/25 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	476	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.639	P=0.758	P=0.513	P=0.744
POLY 1.5	P=0.647N	P=0.760N	P=0.515	P=0.755
POLY 6	P=0.612	P=0.756	P=0.514	P=0.729
COCH-ARM / FISHERS	P=0.634N	P=0.747N	P=0.508	P=0.747N
MAX-ISO-POLY-3	P=0.594	P=0.496	P=0.294	P=0.478
HISTCONT SAME RTE	P=0.377	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.189	P=0.492	P=0.139	P=0.471
CURR VS HC SAME RTE	P=0.790			
CURR VS HC ALL RTES	P=0.425			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	8/49 (16%)	3/50 (6%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	8/43.41	3/41.85	3/43.29	5/39.86
POLY-3 PERCENT (g)	18.4%	7.2%	6.9%	12.5%
TERMINAL (d)	6/36 (17%)	3/35 (9%)	3/38 (8%)	3/25 (12%)
FIRST INCIDENCE	515	729 (T)	729 (T)	595
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	6/150 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.524N	P=0.109N	P=0.098N	P=0.332N
POLY 1.5	P=0.502N	P=0.102N	P=0.092N	P=0.294N
POLY 6	P=0.553N	P=0.115N	P=0.102N	P=0.378N
COCH-ARM / FISHERS	P=0.485N	P=0.094N	P=0.094N	P=0.264N
MAX-ISO-POLY-3	P=0.152N	P=0.063N	P=0.053N	P=0.241N
HISTCONT SAME RTE	P=0.141	P=1.000	P=1.000	P=0.309
HISTCONT ALL RTES	P=0.097	P=0.394	P=0.414	P=0.107
CURR VS HC SAME RTE	P=0.144			
CURR VS HC ALL RTES	P=0.009**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	9/49 (18%)	4/50 (8%)	5/50 (10%)	6/50 (12%)
POLY-3 RATE (b)	9/43.41	4/41.85	5/44.01	6/39.86
POLY-3 PERCENT (g)	20.7%	9.6%	11.4%	15.1%
TERMINAL (d)	7/36 (19%)	4/35 (11%)	4/38 (11%)	4/25 (16%)
FIRST INCIDENCE	515	729 (T)	476	595
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.528N	P=0.127N	P=0.183N	P=0.349N
POLY 1.5	P=0.499N	P=0.119N	P=0.176N	P=0.308N
POLY 6	P=0.565N	P=0.135N	P=0.188N	P=0.401N
COCH-ARM / FISHERS	P=0.476N	P=0.109N	P=0.183N	P=0.274N
MAX-ISO-POLY-3	P=0.225N	P=0.079N	P=0.116N	P=0.260N
HISTCONT SAME RTE	P=0.120	P=1.000	P=1.000	P=0.302
HISTCONT ALL RTEs	P=0.093	P=0.279	P=0.174	P=0.095
CURR VS HC SAME RTE	P=0.172			
CURR VS HC ALL RTEs	P=0.009**			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	2/42.43	1/43.29	0/39.30
POLY-3 PERCENT (g)	0%	4.7%	2.3%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	---	588	729 (T)	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.380N	P=0.237	P=0.504	(e)
POLY 1.5	P=0.367N	P=0.239	P=0.506	(e)
POLY 6	P=0.396N	P=0.237	P=0.503	(e)
COCH-ARM / FISHERS	P=0.354N	P=0.253	P=0.505	(e)
MAX-ISO-POLY-3	P=0.358	P=0.077	P=0.163	(e)
HISTCONT SAME RTE	P=0.383	P=0.314	P=1.000	(e)
HISTCONT ALL RTES	P=0.292	P=0.078	P=0.241	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Leukemia: Granulocytic				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	0/41.85	0/43.29	0/39.30
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/38 (0%)	0/25 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/49 (0%)	4/50 (8%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.38	4/42.60	1/43.29	0/39.30
POLY-3 PERCENT (g)	0%	9.4%	2.3%	0%
TERMINAL (d)	0/36 (0%)	2/35 (6%)	1/38 (3%)	0/25 (0%)
FIRST INCIDENCE	---	549	729 (T)	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.195N	P=0.060	P=0.504	(e)
POLY 1.5	P=0.183N	P=0.061	P=0.506	(e)
POLY 6	P=0.209N	P=0.061	P=0.503	(e)
COCH-ARM / FISHERS	P=0.175N	P=0.061	P=0.505	(e)
MAX-ISO-POLY-3	P=0.188N	P=0.020*	P=0.163	(e)
HISTCONT SAME RTE	P=0.435	P=0.228	P=1.000	(e)
HISTCONT ALL RTES	P=0.341	P=0.035*	P=0.241	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	33/49 (67%)	34/50 (68%)	40/50 (80%)	45/50 (90%)
POLY-3 RATE (b)	33/46.92	34/45.49	40/47.66	45/49.08
POLY-3 PERCENT (g)	70.3%	74.8%	83.9%	91.7%
TERMINAL (d)	23/36 (64%)	26/35 (74%)	32/38 (84%)	21/25 (84%)
FIRST INCIDENCE	508	301	436	351
HC TUMORS SAME ROUTE	30/50 (60%)			
HC TUMORS ALL ROUTES	88/150 (59%)			
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.404	P=0.088	P=0.006**
POLY 1.5	P=0.004**	P=0.477	P=0.114	P=0.007**
POLY 6	P=0.005**	P=0.337	P=0.068	P=0.006**
COCH-ARM / FISHERS	P=0.002**	P=0.558	P=0.115	P=0.005**
MAX-ISO-POLY-3	P=0.006**	P=0.319	P=0.055	P=0.003**
HISTCONT SAME RTE	P=0.083	P=0.227	P=0.183	P=0.166
HISTCONT ALL RTES	P=0.021*	P=0.078	P=0.030*	P=0.020*
CURR VS HC SAME RTE	P=0.668			
CURR VS HC ALL RTES	P=0.384			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	13/49 (27%)	14/50 (28%)	11/50 (22%)	12/50 (24%)
POLY-3 RATE (b)	13/43.64	14/44.41	11/46.19	12/41.52
POLY-3 PERCENT (g)	29.8%	31.5%	23.8%	28.9%
TERMINAL (d)	10/36 (28%)	8/35 (23%)	6/38 (16%)	6/25 (24%)
FIRST INCIDENCE	515	465	289	310
HC TUMORS SAME ROUTE	8/50 (16%)			
HC TUMORS ALL ROUTES	33/150 (22%)			
STATISTICAL TESTS				
POLY 3	P=0.491N	P=0.522	P=0.344N	P=0.559N
POLY 1.5	P=0.439N	P=0.523	P=0.346N	P=0.509N
POLY 6	P=0.555N	P=0.530	P=0.340N	P=0.573
COCH-ARM / FISHERS	P=0.403N	P=0.525	P=0.385N	P=0.477N
MAX-ISO-POLY-3	P=0.527N	P=0.429	P=0.267N	P=0.464N
HISTCONT SAME RTE	P=0.186	P=0.206	P=0.288	P=0.222
HISTCONT ALL RTES	P=0.356	P=0.127	P=1.000	P=0.246
CURR VS HC SAME RTE	P=0.232			
CURR VS HC ALL RTES	P=0.446			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	36/49 (73%)	39/50 (78%)	44/50 (88%)	47/50 (94%)
POLY-3 RATE (b)	36/46.92	39/47.38	44/50.00	47/50.00
POLY-3 PERCENT (g)	76.7%	82.3%	88%	94%
TERMINAL (d)	26/36 (72%)	27/35 (77%)	32/38 (84%)	22/25 (88%)
FIRST INCIDENCE	508	301	289	310
HC TUMORS SAME ROUTE	34/50 (68%)			
HC TUMORS ALL ROUTES	107/150 (71%)			
STATISTICAL TESTS				
POLY 3	P=0.015*	P=0.339	P=0.116	P=0.015*
POLY 1.5	P=0.013*	P=0.366	P=0.114	P=0.014*
POLY 6	P=0.016*	P=0.324	P=0.119	P=0.015*
COCH-ARM / FISHERS	P=0.004**	P=0.385	P=0.056	P=0.005**
MAX-ISO-POLY-3	P=0.014*	P=0.251	P=0.077	P=0.008**
HISTCONT SAME RTE	P=0.079	P=0.207	P=0.187	P=0.172
HISTCONT ALL RTES	P=0.025*	P=0.047*	P=0.028*	P=0.022*
CURR VS HC SAME RTE	P=0.504			
CURR VS HC ALL RTES	P=0.555			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	0/47 (0%)
POLY-3 RATE (b)	2/43.21	1/46.30	3/44.19	0/36.88
POLY-3 PERCENT (g)	4.6%	2.2%	6.8%	0%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	1/33 (3%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	614	---
HC TUMORS SAME ROUTE	2/49 (4%)			
HC TUMORS ALL ROUTES	5/148 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.291N	P=0.476N	P=0.510	P=0.274N
POLY 1.5	P=0.277N	P=0.482N	P=0.511	P=0.267N
POLY 6	P=0.309N	P=0.471N	P=0.507	P=0.282N
COCH-ARM / FISHERS	P=0.239N	P=0.500N	P=0.500	P=0.263N
MAX-ISO-POLY-3	P=0.250N	P=0.267N	P=0.334	P=0.107N
HISTCONT SAME RTE	P=0.718	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.736	P=1.000	P=0.212	P=1.000
CURR VS HC SAME RTE	P=0.903			
CURR VS HC ALL RTEs	P=0.845			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Brain				
Glioma Malignant				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	1/44.21	0/38.47
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	553	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Brain				
Granular Cell Tumor Benign				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.21	1/45.55	0/42.71	0/37.08
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/149 (1%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Islets, Pancreatic Carcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.21	0/45.55	0/42.71	0/37.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/149 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.21	1/45.55	0/42.71	0/37.08
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/149 (1%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Cholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	2/47 (4%)
POLY-3 RATE (b)	0/43.21	0/45.55	0/43.65	2/36.88
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	2/28 (7%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.030*	(e)	(e)	P=0.203
POLY 1.5	P=0.032*	(e)	(e)	P=0.209
POLY 6	P=0.029*	(e)	(e)	P=0.196
COCH-ARM / FISHERS	P=0.037*	(e)	(e)	P=0.232
MAX-ISO-POLY-3	P=0.032*	(e)	(e)	P=0.072
HISTCONT SAME RTE	P=0.151	(e)	(e)	P=0.296
HISTCONT ALL RTES	P=0.049*	(e)	(e)	P=0.079
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	2/49 (4%)	8/50 (16%)	16/47 (34%)
POLY-3 RATE (b)	3/43.21	2/45.55	8/44.09	16/38.66
POLY-3 PERCENT (g)	6.9%	4.4%	18.2%	41.4%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	6/33 (18%)	11/28 (39%)
FIRST INCIDENCE	729 (T)	729 (T)	656	490
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.476N	P=0.103	P<0.001**
POLY 1.5	P<0.001**	P=0.485N	P=0.105	P<0.001**
POLY 6	P<0.001**	P=0.468N	P=0.100	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.510N	P=0.100	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.308N	P=0.058	P<0.001**
HISTCONT SAME RTE	P=0.066	P=1.000	P=0.192	P=0.149
HISTCONT ALL RTES	P=0.008**	P=0.210	P=0.023*	P=0.011*
CURR VS HC SAME RTE	P=0.346			
CURR VS HC ALL RTES	P=0.051			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	6/47 (13%)
POLY-3 RATE (b)	0/43.21	0/45.55	1/43.82	6/37.08
POLY-3 PERCENT (g)	0%	0%	2.3%	16.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	5/28 (18%)
FIRST INCIDENCE	---	---	686	677
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	P=0.503	P=0.008**
POLY 1.5	P<0.001**	(e)	P=0.504	P=0.009**
POLY 6	P<0.001**	(e)	P=0.500	P=0.007**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P=0.011*
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.162	P=0.004**
HISTCONT SAME RTE	P=0.095	(e)	P=1.000	P=0.193
HISTCONT ALL RTES	P=0.016*	(e)	P=0.241	P=0.026*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	2/49 (4%)	8/50 (16%)	17/47 (36%)
POLY-3 RATE (b)	3/43.21	2/45.55	8/44.09	17/38.66
POLY-3 PERCENT (g)	6.9%	4.4%	18.2%	44%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	6/33 (18%)	12/28 (43%)
FIRST INCIDENCE	729 (T)	729 (T)	656	490
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.476N	P=0.103	P<0.001**
POLY 1.5	P<0.001**	P=0.485N	P=0.105	P<0.001**
POLY 6	P<0.001**	P=0.468N	P=0.100	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.510N	P=0.100	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.308N	P=0.058	P<0.001**
HISTCONT SAME RTE	P=0.062	P=1.000	P=0.192	P=0.145
HISTCONT ALL RTES	P=0.007**	P=0.210	P=0.023*	P=0.010**
CURR VS HC SAME RTE	P=0.346			
CURR VS HC ALL RTES	P=0.051			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	2/49 (4%)	8/50 (16%)	17/47 (36%)
POLY-3 RATE (b)	3/43.21	2/45.55	8/44.09	17/38.66
POLY-3 PERCENT (g)	6.9%	4.4%	18.2%	44%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	6/33 (18%)	12/28 (43%)
FIRST INCIDENCE	729 (T)	729 (T)	656	490
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.476N	P=0.103	P<0.001**
POLY 1.5	P<0.001**	P=0.485N	P=0.105	P<0.001**
POLY 6	P<0.001**	P=0.468N	P=0.100	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.510N	P=0.100	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.308N	P=0.058	P<0.001**
HISTCONT SAME RTE	P=0.062	P=1.000	P=0.192	P=0.145
HISTCONT ALL RTES	P=0.007**	P=0.210	P=0.023*	P=0.010**
CURR VS HC SAME RTE	P=0.346			
CURR VS HC ALL RTES	P=0.051			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Liver				
Hepatocholangioma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	8/47 (17%)
POLY-3 RATE (b)	0/43.21	0/45.55	0/43.65	8/37.27
POLY-3 PERCENT (g)	0%	0%	0%	21.5%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	7/28 (25%)
FIRST INCIDENCE	---	---	---	619
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.002**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**
HISTCONT SAME RTE	P=0.090	(e)	(e)	P=0.178
HISTCONT ALL RTES	P=0.015*	(e)	(e)	P=0.020*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Lymph Node, Mesenteric Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Lymph Node, Mesenteric Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.297N	P=0.222N	P=0.235N	P=0.264N
POLY 1.5	P=0.293N	P=0.226N	P=0.233N	P=0.257N
POLY 6	P=0.301N	P=0.219N	P=0.238N	P=0.273N
COCH-ARM / FISHERS	P=0.281N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.057N	P=0.076N	P=0.076N	P=0.100N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.599			
CURR VS HC ALL RTEs	P=0.405			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	4/49 (8%)
POLY-3 RATE (b)	1/43.21	1/46.56	2/43.99	4/39.03
POLY-3 PERCENT (g)	2.3%	2.2%	4.6%	10.3%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/33 (0%)	2/28 (7%)
FIRST INCIDENCE	729 (T)	658	676	597
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	11/150 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.052	P=0.744N	P=0.506	P=0.148
POLY 1.5	P=0.056	P=0.748N	P=0.507	P=0.155
POLY 6	P=0.047*	P=0.739N	P=0.503	P=0.140
COCH-ARM / FISHERS	P=0.070	P=0.753N	P=0.500	P=0.175
MAX-ISO-POLY-3	P=0.084	P=0.478N	P=0.287	P=0.074
HISTCONT SAME RTE	P=0.129	P=1.000	P=1.000	P=0.246
HISTCONT ALL RTES	P=0.456	P=1.000	P=1.000	P=0.491
CURR VS HC SAME RTE	P=0.845			
CURR VS HC ALL RTES	P=0.218			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	10/50 (20%)	12/50 (24%)	9/49 (18%)
POLY-3 RATE (b)	9/43.87	10/46.78	12/44.27	9/40.12
POLY-3 PERCENT (g)	20.5%	21.4%	27.1%	22.4%
TERMINAL (d)	8/37 (22%)	9/39 (23%)	10/33 (30%)	4/28 (14%)
FIRST INCIDENCE	508	585	610	537
HC TUMORS SAME ROUTE	8/50 (16%)			
HC TUMORS ALL ROUTES	28/150 (19%)			
STATISTICAL TESTS				
POLY 3	P=0.491	P=0.562	P=0.317	P=0.521
POLY 1.5	P=0.518	P=0.547	P=0.325	P=0.535
POLY 6	P=0.462	P=0.576	P=0.303	P=0.505
COCH-ARM / FISHERS	P=0.515N	P=0.500	P=0.312	P=0.584
MAX-ISO-POLY-3	P=0.520	P=0.460	P=0.235	P=0.417
HISTCONT SAME RTE	P=0.203	P=0.430	P=0.234	P=0.358
HISTCONT ALL RTES	P=0.367	P=1.000	P=0.153	P=1.000
CURR VS HC SAME RTE	P=0.826			
CURR VS HC ALL RTES	P=0.892			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland				
Fibroma, Fibroadenoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	10/50 (20%)	12/50 (24%)	9/49 (18%)
POLY-3 RATE (b)	9/43.87	10/46.78	12/44.27	9/40.12
POLY-3 PERCENT (g)	20.5%	21.4%	27.1%	22.4%
TERMINAL (d)	8/37 (22%)	9/39 (23%)	10/33 (30%)	4/28 (14%)
FIRST INCIDENCE	508	585	610	537
HC TUMORS SAME ROUTE	12/50 (24%)			
HC TUMORS ALL ROUTES	34/150 (23%)			
STATISTICAL TESTS				
POLY 3	P=0.491	P=0.562	P=0.317	P=0.521
POLY 1.5	P=0.518	P=0.547	P=0.325	P=0.535
POLY 6	P=0.462	P=0.576	P=0.303	P=0.505
COCH-ARM / FISHERS	P=0.515N	P=0.500	P=0.312	P=0.584
MAX-ISO-POLY-3	P=0.520	P=0.460	P=0.235	P=0.417
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.756	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.414			
CURR VS HC ALL RTES	P=0.424			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	10/50 (20%)	11/50 (22%)	14/50 (28%)	13/49 (27%)
POLY-3 RATE (b)	10/43.87	11/47.04	14/44.61	13/40.67
POLY-3 PERCENT (g)	22.8%	23.4%	31.4%	32%
TERMINAL (d)	9/37 (24%)	9/39 (23%)	10/33 (30%)	6/28 (21%)
FIRST INCIDENCE	508	585	610	537
HC TUMORS SAME ROUTE	12/50 (24%)			
HC TUMORS ALL ROUTES	40/150 (27%)			
STATISTICAL TESTS				
POLY 3	P=0.189	P=0.572	P=0.251	P=0.241
POLY 1.5	P=0.208	P=0.553	P=0.256	P=0.251
POLY 6	P=0.172	P=0.591	P=0.244	P=0.232
COCH-ARM / FISHERS	P=0.286	P=0.500	P=0.241	P=0.298
MAX-ISO-POLY-3	P=0.300	P=0.473	P=0.183	P=0.179
HISTCONT SAME RTE	P=0.238	P=1.000	P=0.371	P=0.344
HISTCONT ALL RTES	P=0.446	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.570			
CURR VS HC ALL RTES	P=0.293			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Ovary				
Cystadenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	2/46 (4%)
POLY-3 RATE (b)	0/43.21	1/45.55	1/43.65	2/36.58
POLY-3 PERCENT (g)	0%	2.2%	2.3%	5.5%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/33 (3%)	2/28 (7%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.159	P=0.510	P=0.502	P=0.201
POLY 1.5	P=0.165	P=0.507	P=0.504	P=0.206
POLY 6	P=0.151	P=0.514	P=0.499	P=0.195
COCH-ARM / FISHERS	P=0.183	P=0.495	P=0.500	P=0.227
MAX-ISO-POLY-3	P=0.116	P=0.173	P=0.161	P=0.071
HISTCONT SAME RTE	P=0.092	P=1.000	P=1.000	P=0.295
HISTCONT ALL RTES	P=0.047*	P=0.243	P=0.241	P=0.078
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Ovary				
Granulosa Cell Tumor Benign				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	3/49 (6%)	1/50 (2%)	2/46 (4%)
POLY-3 RATE (b)	1/43.21	3/45.84	1/43.85	2/36.58
POLY-3 PERCENT (g)	2.3%	6.6%	2.3%	5.5%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	0/33 (0%)	2/28 (7%)
FIRST INCIDENCE	729 (T)	651	676	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.524	P=0.327	P=0.757N	P=0.442
POLY 1.5	P=0.535	P=0.319	P=0.756N	P=0.450
POLY 6	P=0.510	P=0.335	P=0.760N	P=0.431
COCH-ARM / FISHERS	P=0.565	P=0.301	P=0.753N	P=0.468
MAX-ISO-POLY-3	P=0.420	P=0.177	P=0.495N	P=0.246
HISTCONT SAME RTE	P=0.209	P=0.257	P=1.000	P=0.295
HISTCONT ALL RTES	P=0.176	P=0.063	P=1.000	P=0.120
CURR VS HC SAME RTE	P=0.317			
CURR VS HC ALL RTES	P=0.399			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Ovary				
Granulosa Cell Tumor: Benign, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	3/49 (6%)	1/50 (2%)	2/46 (4%)
POLY-3 RATE (b)	2/43.21	3/45.84	1/43.85	2/36.58
POLY-3 PERCENT (g)	4.6%	6.6%	2.3%	5.5%
TERMINAL (d)	2/37 (5%)	2/39 (5%)	0/33 (0%)	2/28 (7%)
FIRST INCIDENCE	729 (T)	651	676	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.612N	P=0.527	P=0.495N	P=0.633
POLY 1.5	P=0.602N	P=0.517	P=0.493N	P=0.641
POLY 6	P=0.618	P=0.537	P=0.499N	P=0.621
COCH-ARM / FISHERS	P=0.576N	P=0.490	P=0.500N	P=0.659
MAX-ISO-POLY-3	P=0.566N	P=0.352	P=0.277N	P=0.435
HISTCONT SAME RTE	P=0.306	P=0.319	P=1.000	P=0.419
HISTCONT ALL RTES	P=0.198	P=0.079	P=1.000	P=0.162
CURR VS HC SAME RTE	P=0.584			
CURR VS HC ALL RTES	P=0.200			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pancreas				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.21	0/45.55	0/42.71	0/37.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/149 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pancreas				
Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	1/47 (2%)
POLY-3 RATE (b)	0/43.21	0/45.55	0/42.71	1/37.77
POLY-3 PERCENT (g)	0%	0%	0%	2.7%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	647
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/149 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Parathyroid Gland Adenoma				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	1/47 (2%)	0/49 (0%)	0/46 (0%)
POLY-3 RATE (b)	1/42.21	1/43.30	0/42.65	0/35.67
POLY-3 PERCENT (g)	2.4%	2.3%	0%	0%
TERMINAL (d)	1/36 (3%)	1/36 (3%)	0/32 (0%)	0/26 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
HC TUMORS SAME ROUTE	0/48 (0%)			
HC TUMORS ALL ROUTES	0/142 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	23/50 (46%)	20/49 (41%)	23/50 (46%)	21/47 (45%)
POLY-3 RATE (b)	23/45.15	20/47.83	23/47.66	21/41.62
POLY-3 PERCENT (g)	50.9%	41.8%	48.3%	50.5%
TERMINAL (d)	18/37 (49%)	14/38 (37%)	13/33 (39%)	9/28 (32%)
FIRST INCIDENCE	445	358	368	396
HC TUMORS SAME ROUTE	21/50 (42%)			
HC TUMORS ALL ROUTES	88/150 (59%)			
STATISTICAL TESTS				
POLY 3	P=0.389	P=0.250N	P=0.480N	P=0.568N
POLY 1.5	P=0.397	P=0.280N	P=0.499N	P=0.579N
POLY 6	P=0.397	P=0.225N	P=0.467N	P=0.544N
COCH-ARM / FISHERS	P=0.511	P=0.376N	P=0.579N	P=0.529N
MAX-ISO-POLY-3	P=0.556N	P=0.196N	P=0.398N	P=0.482N
HISTCONT SAME RTE	P=0.174	P=1.000	P=0.320	P=0.265
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.518			
CURR VS HC ALL RTES	P=0.337			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Pituitary Gland: Pars Intermedia Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/49 (2%)	2/50 (4%)	1/47 (2%)
POLY-3 RATE (b)	1/43.85	1/45.30	2/43.65	1/36.98
POLY-3 PERCENT (g)	2.3%	2.2%	4.6%	2.7%
TERMINAL (d)	0/37 (0%)	1/38 (3%)	2/33 (6%)	1/28 (4%)
FIRST INCIDENCE	522	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.596	P=0.753N	P=0.498	P=0.722
POLY 1.5	P=0.613	P=0.756N	P=0.503	P=0.729
POLY 6	P=0.577	P=0.752N	P=0.490	P=0.712
COCH-ARM / FISHERS	P=0.656	P=0.747	P=0.500	P=0.737
MAX-ISO-POLY-3	P=0.569	P=0.490N	P=0.279	P=0.454
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.173			
CURR VS HC ALL RTES	P=0.416			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Salivary Glands Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	1/45 (2%)
POLY-3 RATE (b)	1/43.21	0/46.30	0/42.71	1/35.44
POLY-3 PERCENT (g)	2.3%	0%	0%	2.8%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/33 (0%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/149 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 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)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	1/43.21	0/46.30	1/43.65	2/38.47
POLY-3 PERCENT (g)	2.3%	0%	2.3%	5.2%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/33 (3%)	2/28 (7%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.185	P=0.486N	P=0.759N	P=0.459
POLY 1.5	P=0.195	P=0.490N	P=0.757N	P=0.470
POLY 6	P=0.173	P=0.483N	P=0.759	P=0.445
COCH-ARM / FISHERS	P=0.220	P=0.500N	P=0.753N	P=0.492
MAX-ISO-POLY-3	P=0.212	P=0.158N	P=0.496N	P=0.258
HISTCONT SAME RTE	P=0.136	(e)	P=1.000	P=0.299
HISTCONT ALL RTES	P=0.041*	(e)	P=0.241	P=0.080
CURR VS HC SAME RTE	P=0.321			
CURR VS HC ALL RTES	P=0.062			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	1/46.78	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	585	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	0/43.21	0/46.30	1/43.65	2/38.47
POLY-3 PERCENT (g)	0%	0%	2.3%	5.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/33 (3%)	2/28 (7%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.066	(e)	P=0.502	P=0.212
POLY 1.5	P=0.071	(e)	P=0.504	P=0.218
POLY 6	P=0.061	(e)	P=0.499	P=0.203
COCH-ARM / FISHERS	P=0.083	(e)	P=0.500	P=0.242
MAX-ISO-POLY-3	P=0.079	(e)	P=0.161	P=0.074
HISTCONT SAME RTE	P=0.136	(e)	P=1.000	P=0.299
HISTCONT ALL RTES	P=0.041*	(e)	P=0.241	P=0.080
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	0/43.21	0/46.30	1/43.65	2/38.47
POLY-3 PERCENT (g)	0%	0%	2.3%	5.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/33 (3%)	2/28 (7%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.066	(e)	P=0.502	P=0.212
POLY 1.5	P=0.071	(e)	P=0.504	P=0.218
POLY 6	P=0.061	(e)	P=0.499	P=0.203
COCH-ARM / FISHERS	P=0.083	(e)	P=0.500	P=0.242
MAX-ISO-POLY-3	P=0.079	(e)	P=0.161	P=0.074
HISTCONT SAME RTE	P=0.136	(e)	P=1.000	P=0.299
HISTCONT ALL RTEs	P=0.041*	(e)	P=0.241	P=0.080
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Skin				
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	0/43.21	0/46.30	1/43.65	2/38.47
POLY-3 PERCENT (g)	0%	0%	2.3%	5.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/33 (3%)	2/28 (7%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.066	(e)	P=0.502	P=0.212
POLY 1.5	P=0.071	(e)	P=0.504	P=0.218
POLY 6	P=0.061	(e)	P=0.499	P=0.203
COCH-ARM / FISHERS	P=0.083	(e)	P=0.500	P=0.242
MAX-ISO-POLY-3	P=0.079	(e)	P=0.161	P=0.074
HISTCONT SAME RTE	P=0.136	(e)	P=1.000	P=0.299
HISTCONT ALL RTES	P=0.041*	(e)	P=0.241	P=0.080
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thymus				
Thymoma: Benign, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/48 (0%)	1/46 (2%)
POLY-3 RATE (b)	0/43.21	0/45.92	0/42.11	1/36.47
POLY-3 PERCENT (g)	0%	0%	0%	2.7%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	1/28 (4%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	9/147 (6%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	7/45 (16%)	6/49 (12%)	10/47 (21%)	4/42 (10%)
POLY-3 RATE (b)	7/41.28	6/45.68	10/41.38	4/34.12
POLY-3 PERCENT (g)	17%	13.1%	24.2%	11.7%
TERMINAL (d)	6/36 (17%)	5/39 (13%)	10/33 (30%)	4/28 (14%)
FIRST INCIDENCE	592	694	729 (T)	729 (T)
HC TUMORS SAME ROUTE	7/50 (14%)			
HC TUMORS ALL ROUTES	13/150 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.411N	P=0.422N	P=0.295	P=0.378N
POLY 1.5	P=0.387N	P=0.427N	P=0.310	P=0.364N
POLY 6	P=0.438N	P=0.418N	P=0.274	P=0.396N
COCH-ARM / FISHERS	P=0.295N	P=0.433N	P=0.332	P=0.302N
MAX-ISO-POLY-3	P=0.414N	P=0.315N	P=0.211	P=0.278N
HISTCONT SAME RTE	P=0.524	P=1.000	P=0.244	P=1.000
HISTCONT ALL RTES	P=0.291	P=0.352	P=0.053	P=1.000
CURR VS HC SAME RTE	P=0.949			
CURR VS HC ALL RTES	P=0.250			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	7/45 (16%)	6/49 (12%)	10/47 (21%)	4/42 (10%)
POLY-3 RATE (b)	7/41.28	6/45.68	10/41.38	4/34.12
POLY-3 PERCENT (g)	17%	13.1%	24.2%	11.7%
TERMINAL (d)	6/36 (17%)	5/39 (13%)	10/33 (30%)	4/28 (14%)
FIRST INCIDENCE	592	694	729 (T)	729 (T)
HC TUMORS SAME ROUTE	7/50 (14%)			
HC TUMORS ALL ROUTES	14/150 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.411N	P=0.422N	P=0.295	P=0.378N
POLY 1.5	P=0.387N	P=0.427N	P=0.310	P=0.364N
POLY 6	P=0.438N	P=0.418N	P=0.274	P=0.396N
COCH-ARM / FISHERS	P=0.295N	P=0.433N	P=0.332	P=0.302N
MAX-ISO-POLY-3	P=0.414N	P=0.315N	P=0.211	P=0.278N
HISTCONT SAME RTE	P=0.524	P=1.000	P=0.244	P=1.000
HISTCONT ALL RTES	P=0.307	P=0.413	P=0.054	P=1.000
CURR VS HC SAME RTE	P=0.949			
CURR VS HC ALL RTES	P=0.308			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	1/45 (2%)	3/49 (6%)	3/47 (6%)	1/42 (2%)
POLY-3 RATE (b)	1/40.82	3/45.55	3/41.38	1/34.68
POLY-3 PERCENT (g)	2.5%	6.6%	7.3%	2.9%
TERMINAL (d)	1/36 (3%)	3/39 (8%)	3/33 (9%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	553
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	5/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.494N	P=0.345	P=0.310	P=0.724
POLY 1.5	P=0.487N	P=0.342	P=0.314	P=0.726
POLY 6	P=0.501N	P=0.348	P=0.303	P=0.721
COCH-ARM / FISHERS	P=0.444N	P=0.341	P=0.325	P=0.735
MAX-ISO-POLY-3	P=0.437	P=0.190	P=0.158	P=0.456
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.477	P=0.300	P=0.249	P=1.000
CURR VS HC SAME RTE	P=0.380			
CURR VS HC ALL RTES	P=0.670			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: Follicular Cell Carcinoma				
TUMOR RATES				
OVERALL (a)	0/45 (0%)	0/49 (0%)	0/47 (0%)	0/42 (0%)
POLY-3 RATE (b)	0/40.82	0/45.55	0/41.38	0/34.12
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/45 (2%)	3/49 (6%)	3/47 (6%)	1/42 (2%)
POLY-3 RATE (b)	1/40.82	3/45.55	3/41.38	1/34.68
POLY-3 PERCENT (g)	2.5%	6.6%	7.3%	2.9%
TERMINAL (d)	1/36 (3%)	3/39 (8%)	3/33 (9%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	553
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	6/150 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.494N	P=0.345	P=0.310	P=0.724
POLY 1.5	P=0.487N	P=0.342	P=0.314	P=0.726
POLY 6	P=0.501N	P=0.348	P=0.303	P=0.721
COCH-ARM / FISHERS	P=0.444N	P=0.341	P=0.325	P=0.735
MAX-ISO-POLY-3	P=0.437	P=0.190	P=0.158	P=0.456
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.572	P=0.404	P=0.318	P=1.000
CURR VS HC SAME RTE	P=0.380			
CURR VS HC ALL RTES	P=0.527			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Uterus Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	2/49 (4%)
POLY-3 RATE (b)	1/43.68	1/46.30	3/43.93	2/38.47
POLY-3 PERCENT (g)	2.3%	2.2%	6.8%	5.2%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/33 (3%)	2/28 (7%)
FIRST INCIDENCE	592	729 (T)	686	729 (T)
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.332	P=0.748N	P=0.307	P=0.456
POLY 1.5	P=0.353	P=0.750N	P=0.311	P=0.468
POLY 6	P=0.307	P=0.746N	P=0.301	P=0.439
COCH-ARM / FISHERS	P=0.403	P=0.753N	P=0.309	P=0.492
MAX-ISO-POLY-3	P=0.342	P=0.483N	P=0.156	P=0.256
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.529	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.304			
CURR VS HC ALL RTES	P=0.386			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	6/50 (12%)	7/50 (14%)	5/49 (10%)
POLY-3 RATE (b)	3/43.68	6/46.78	7/43.93	5/39.03
POLY-3 PERCENT (g)	6.9%	12.8%	15.9%	12.8%
TERMINAL (d)	2/37 (5%)	5/39 (13%)	6/33 (18%)	4/28 (14%)
FIRST INCIDENCE	592	585	655	553
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	10/150 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.388	P=0.277	P=0.158	P=0.296
POLY 1.5	P=0.417	P=0.268	P=0.163	P=0.310
POLY 6	P=0.351	P=0.284	P=0.150	P=0.275
COCH-ARM / FISHERS	P=0.491	P=0.243	P=0.159	P=0.346
MAX-ISO-POLY-3	P=0.267	P=0.181	P=0.091	P=0.194
HISTCONT SAME RTE	P=0.157	P=0.235	P=0.213	P=0.243
HISTCONT ALL RTES	P=0.185	P=0.140	P=0.072	P=0.173
CURR VS HC SAME RTE	P=0.707			
CURR VS HC ALL RTES	P=0.848			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Uterus				
Sarcoma Stromal or Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	6/50 (12%)	8/50 (16%)	5/49 (10%)
POLY-3 RATE (b)	3/43.68	6/46.78	8/43.93	5/39.03
POLY-3 PERCENT (g)	6.9%	12.8%	18.2%	12.8%
TERMINAL (d)	2/37 (5%)	5/39 (13%)	7/33 (21%)	4/28 (14%)
FIRST INCIDENCE	592	585	655	553
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	12/150 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.390	P=0.277	P=0.099	P=0.296
POLY 1.5	P=0.421	P=0.268	P=0.103	P=0.310
POLY 6	P=0.350	P=0.284	P=0.092	P=0.275
COCH-ARM / FISHERS	P=0.499	P=0.243	P=0.100	P=0.346
MAX-ISO-POLY-3	P=0.216	P=0.181	P=0.053	P=0.194
HISTCONT SAME RTE	P=0.168	P=0.235	P=0.201	P=0.243
HISTCONT ALL RTES	P=0.237	P=0.271	P=0.080	P=0.309
CURR VS HC SAME RTE	P=0.707			
CURR VS HC ALL RTES	P=0.639			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
Uterus				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/43.21	0/46.30	2/44.84	1/38.64
POLY-3 PERCENT (g)	2.3%	0%	4.5%	2.6%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	---	508	686
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.487	P=0.486N	P=0.513	P=0.735
POLY 1.5	P=0.504	P=0.490N	P=0.512	P=0.742
POLY 6	P=0.466	P=0.483N	P=0.512	P=0.727
COCH-ARM / FISHERS	P=0.549	P=0.500N	P=0.500	P=0.747
MAX-ISO-POLY-3	P=0.400	P=0.158N	P=0.294	P=0.469
HISTCONT SAME RTE	P=0.245	(e)	P=0.312	P=0.478
HISTCONT ALL RTES	P=0.199	P=1.000	P=0.139	P=0.459
CURR VS HC SAME RTE	P=0.318			
CURR VS HC ALL RTES	P=0.425			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	5/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.297N	P=0.222N	P=0.235N	P=0.264N
POLY 1.5	P=0.293N	P=0.226N	P=0.233N	P=0.257N
POLY 6	P=0.301N	P=0.219N	P=0.238N	P=0.273N
COCH-ARM / FISHERS	P=0.281N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.057N	P=0.076N	P=0.076N	P=0.100N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.952			
CURR VS HC ALL RTEs	P=0.824			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/43.21	0/46.30	0/43.65	0/38.47
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	5/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.297N	P=0.222N	P=0.235N	P=0.264N
POLY 1.5	P=0.293N	P=0.226N	P=0.233N	P=0.257N
POLY 6	P=0.301N	P=0.219N	P=0.238N	P=0.273N
COCH-ARM / FISHERS	P=0.281N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.057N	P=0.076N	P=0.076N	P=0.100N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.952			
CURR VS HC ALL RTEs	P=0.824			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/43.21	0/46.30	1/43.71	1/39.32
POLY-3 PERCENT (g)	0%	0%	2.3%	2.5%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	715	385
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (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: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Leukemia: Granulocytic				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	0/46.30	2/44.34	0/38.47
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	569	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.726	(e)	P=0.243	(e)
POLY 1.5	P=0.721N	(e)	P=0.243	(e)
POLY 6	P=0.704	(e)	P=0.241	(e)
COCH-ARM / FISHERS	P=0.690N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.281	(e)	P=0.081	(e)
HISTCONT SAME RTE	P=0.401	(e)	P=0.311	(e)
HISTCONT ALL RTES	P=0.280	(e)	P=0.077	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.21	3/46.72	0/43.65	0/38.47
POLY-3 PERCENT (g)	0%	6.4%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/33 (0%)	0/28 (0%)
FIRST INCIDENCE	---	651	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.239N	P=0.133	(e)	(e)
POLY 1.5	P=0.238N	P=0.129	(e)	(e)
POLY 6	P=0.242N	P=0.138	(e)	(e)
COCH-ARM / FISHERS	P=0.240N	P=0.121	(e)	(e)
MAX-ISO-POLY-3	P=0.230N	P=0.050*	(e)	(e)
HISTCONT SAME RTE	P=0.514	P=0.258	(e)	(e)
HISTCONT ALL RTES	P=0.770	P=0.147	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.286			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	37/50 (74%)	35/50 (70%)	41/50 (82%)	43/49 (88%)
POLY-3 RATE (b)	37/46.91	35/49.45	41/48.65	43/44.87
POLY-3 PERCENT (g)	78.9%	70.8%	84.3%	95.8%
TERMINAL (d)	29/37 (78%)	27/39 (69%)	28/33 (85%)	27/28 (96%)
FIRST INCIDENCE	445	358	368	396
HC TUMORS SAME ROUTE	38/50 (76%)			
HC TUMORS ALL ROUTES	118/150 (79%)			
STATISTICAL TESTS				
POLY 3	P=0.002**	P=0.246N	P=0.334	P=0.012*
POLY 1.5	P=0.002**	P=0.277N	P=0.325	P=0.014*
POLY 6	P=0.002**	P=0.222N	P=0.341	P=0.012*
COCH-ARM / FISHERS	P=0.024*	P=0.412N	P=0.235	P=0.068
MAX-ISO-POLY-3	P=0.003**	P=0.184N	P=0.246	P=0.005**
HISTCONT SAME RTE	P=0.108	P=1.000	P=0.306	P=0.180
HISTCONT ALL RTES	P=0.058	P=1.000	P=1.000	P=0.038*
CURR VS HC SAME RTE	P=0.876			
CURR VS HC ALL RTES	P=0.496			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	10/50 (20%)	8/50 (16%)	13/50 (26%)	16/49 (33%)
POLY-3 RATE (b)	10/44.52	8/47.63	13/46.75	16/40.55
POLY-3 PERCENT (g)	22.5%	16.8%	27.8%	39.5%
TERMINAL (d)	7/37 (19%)	3/39 (8%)	3/33 (9%)	10/28 (36%)
FIRST INCIDENCE	585	585	508	385
HC TUMORS SAME ROUTE	10/50 (20%)			
HC TUMORS ALL ROUTES	37/150 (25%)			
STATISTICAL TESTS				
POLY 3	P=0.014*	P=0.337N	P=0.365	P=0.069
POLY 1.5	P=0.019*	P=0.352N	P=0.356	P=0.080
POLY 6	P=0.010**	P=0.323N	P=0.372	P=0.056
COCH-ARM / FISHERS	P=0.038*	P=0.398N	P=0.318	P=0.115
MAX-ISO-POLY-3	P=0.023*	P=0.255N	P=0.284	P=0.049*
HISTCONT SAME RTE	P=0.107	P=1.000	P=0.280	P=0.192
HISTCONT ALL RTES	P=0.116	P=1.000	P=1.000	P=0.107
CURR VS HC SAME RTE	P=0.995			
CURR VS HC ALL RTES	P=0.523			

Experiment Number: 20209 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Pentabromodiphenyl oxide (technical) (DE 71)
 CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
 Time Report Requested: 10:18:12
 First Dose M/F: 08/26/08 / 08/26/08
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	15 MG/KG	50 MG/KG
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	40/50 (80%)	38/50 (76%)	46/50 (92%)	44/49 (90%)
POLY-3 RATE (b)	40/47.76	38/49.75	46/50.00	44/45.72
POLY-3 PERCENT (g)	83.8%	76.4%	92%	96.2%
TERMINAL (d)	30/37 (81%)	28/39 (72%)	29/33 (88%)	27/28 (96%)
FIRST INCIDENCE	445	358	368	385
HC TUMORS SAME ROUTE	40/50 (80%)			
HC TUMORS ALL ROUTES	126/150 (84%)			
STATISTICAL TESTS				
POLY 3	P=0.007**	P=0.255N	P=0.171	P=0.043*
POLY 1.5	P=0.009**	P=0.273N	P=0.150	P=0.046*
POLY 6	P=0.007**	P=0.247N	P=0.189	P=0.039*
COCH-ARM / FISHERS	P=0.059	P=0.405N	P=0.074	P=0.140
MAX-ISO-POLY-3	P=0.012*	P=0.186N	P=0.108	P=0.021*
HISTCONT SAME RTE	P=0.145	P=1.000	P=0.220	P=0.193
HISTCONT ALL RTES	P=0.087	P=1.000	P=0.129	P=0.055
CURR VS HC SAME RTE	P=0.959			
CURR VS HC ALL RTES	P=0.560			

Experiment Number: 20209 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Pentabromodiphenyl oxide (technical) (DE 71)
CAS Number: 32534-81-9

Date Report Requested: 08/05/2014
Time Report Requested: 10:18:12
First Dose M/F: 08/26/08 / 08/26/08
Lab: SRI

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 ***