

Experiment Number: 20601 - 04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:55
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

F1_M3

NTP Study Number:	C20601		
Lock Date:	06/22/2011		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25022 ACCK 25019 MSAC	25021 TSAC	25020 NATD
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.2.2_002		
PWG Approval Date:	NONE		

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HISTORICAL CONTROL STUDIES
From June 2013 report

SAME ROUTE

60311-06 -- Cobalt (INHALATION AIR)
20515-04 -- Metal Working Fluids: CIMSTAR 3800 (INHALATION AIR)
20303-06 -- Vinylidene Chloride (INHALATION AIR)

ALL ROUTES

60311-06 -- Cobalt (INHALATION AIR)
99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)
20005-06 -- Ginseng (GAVAGE WATER)
20203-04 -- Green Tea Extract (GAVAGE WATER)
20006-04 -- Indole-3-carbinol (GAVAGE CORN OIL)
20007-06 -- Kava kava extract (GAVAGE CORN OIL)
20515-04 -- Metal Working Fluids: CIMSTAR 3800 (INHALATION AIR)
95003-06 -- Methyl trans-styryl ketone (SKIN ETHANOL)
20107-04 -- N,N-Dimethyl-p-toluidine (GAVAGE CORN OIL)
20009-04 -- beta-Picoline (ORAL WATER)
99032-04 -- Pyrogallol (SKIN ETHANOL)
20320-04 -- Tetrabromobisphenol A (GAVAGE CORN OIL)
88133-08 -- Trimethylolpropane triacrylate (SKIN ACETONE)
20303-06 -- Vinylidene Chloride (INHALATION AIR)
96014-06 -- Water Disinfection Byproducts: Bromodichloroacetic Acid (ORAL WATER)

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

Adrenal Cortex

Adrenal Medulla

Heart

Liver

Lung

Ovary

Pituitary Gland

Spleen

Thyroid Gland

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

MALE MICE

Organ

Adrenal Cortex
Liver

Lung

Skin

All Organs

FEMALE MICE

Organ

Adrenal Medulla
Harderian Gland
Liver

Lung

Pituitary Gland: Pars Distalis or Unspecified Site

Skin

All Organs

Morphology

Adenoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma
Alveolar/Bronchiolar Carcinoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma
Fibrous Histiocytoma
Malignant Tumors

Morphology

Pheochromocytoma Benign
Carcinoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma
Hepatocellular Carcinoma or Hepatocellular Adenoma
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Adenoma
Carcinoma or Adenoma
Squamous Cell Carcinoma
Hemangioma
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type
Benign Tumors
Malignant Tumors
Malignant and Benign Tumors

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex Adenoma				
TUMOR RATES				
OVERALL (a)	4/49 (8%)	1/50 (2%)	3/49 (6%)	0/49 (0%)
POLY-3 RATE (b)	4/46.08	1/40.39	3/40.85	0/36.69
POLY-3 PERCENT (g)	8.7%	2.5%	7.3%	0%
TERMINAL (d)	3/38 (8%)	1/30 (3%)	2/27 (7%)	0/17 (0%)
FIRST INCIDENCE	702	729 (T)	666	---
HC TUMORS SAME ROUTE	11/149 (7%)			
HC TUMORS ALL ROUTES	43/747 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.123N	P=0.221N	P=0.565N	P=0.095N
POLY 1.5	P=0.107N	P=0.205N	P=0.540N	P=0.078N
POLY 6	P=0.153N	P=0.237N	P=0.595N	P=0.125N
COCH-ARM / FISHERS	P=0.098N	P=0.175N	P=0.500N	P=0.059N
MAX-ISO-POLY-3	P=0.081N	P=0.126N	P=0.413N	P=0.049N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.935			
CURR VS HC ALL RTEs	P=0.613			

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/46 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/45.97	0/40.39	1/38.73	0/36.69
POLY-3 PERCENT (g)	0%	0%	2.6%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	2/148 (1%)			
HC TUMORS ALL ROUTES	2/744 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	6/50 (12%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	6/46.57	6/41.14	4/40.65	3/38.18
POLY-3 PERCENT (g)	12.9%	14.6%	9.8%	7.9%
TERMINAL (d)	5/38 (13%)	4/30 (13%)	4/27 (15%)	1/17 (6%)
FIRST INCIDENCE	663	514	729 (T)	536
HC TUMORS SAME ROUTE	20/150 (13%)			
HC TUMORS ALL ROUTES	98/750 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.242N	P=0.532	P=0.457N	P=0.349N
POLY 1.5	P=0.205N	P=0.558	P=0.425N	P=0.299N
POLY 6	P=0.307N	P=0.509	P=0.496N	P=0.425N
COCH-ARM / FISHERS	P=0.171N	P=0.620N	P=0.370N	P=0.243N
MAX-ISO-POLY-3	P=0.362N	P=0.412	P=0.339N	P=0.250N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.738			
CURR VS HC ALL RTES	P=0.698			

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/46.52	1/40.39	1/41.16	1/37.37
POLY-3 PERCENT (g)	2.2%	2.5%	2.4%	2.7%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	677	729 (T)	576	729 (T)
HC TUMORS SAME ROUTE	7/150 (5%)			
HC TUMORS ALL ROUTES	22/750 (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)			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	7/50 (14%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	7/46.77	7/41.14	5/41.16	4/38.18
POLY-3 PERCENT (g)	15%	17%	12.2%	10.5%
TERMINAL (d)	5/38 (13%)	5/30 (17%)	4/27 (15%)	2/17 (12%)
FIRST INCIDENCE	663	514	576	536
HC TUMORS SAME ROUTE	27/150 (18%)			
HC TUMORS ALL ROUTES	120/750 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.279N	P=0.512	P=0.471N	P=0.388N
POLY 1.5	P=0.233N	P=0.543	P=0.438N	P=0.329N
POLY 6	P=0.358N	P=0.484	P=0.511N	P=0.478N
COCH-ARM / FISHERS	P=0.191N	P=0.613N	P=0.380N	P=0.262N
MAX-ISO-POLY-3	P=0.412N	P=0.401	P=0.359N	P=0.290N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.465			
CURR VS HC ALL RTES	P=0.571			

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	2/41.52	0/37.37
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	509	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	6/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.697	(e)	P=0.214	(e)
POLY 1.5	P=0.720N	(e)	P=0.222	(e)
POLY 6	P=0.633	(e)	P=0.205	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.275	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.390	(e)	P=0.128	(e)
HISTCONT ALL RTES	P=0.311	(e)	P=0.013*	(e)
CURR VS HC SAME RTE	P=0.368			
CURR VS HC ALL RTES	P=0.440			

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Large: Cecum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	2/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	5%	0%	0%
TERMINAL (d)	0/38 (0%)	2/30 (7%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	1/750 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.405N	P=0.208	(e)	(e)
POLY 1.5	P=0.387N	P=0.217	(e)	(e)
POLY 6	P=0.426N	P=0.201	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.312N	P=0.075	(e)	(e)
HISTCONT SAME RTE	P=0.442	P=0.081	(e)	(e)
HISTCONT ALL RTES	P=0.275	P<0.001**	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.303			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Duodenum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	2/150 (1%)			
HC TUMORS ALL ROUTES	6/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.241N	P=0.269N	P=0.267N	P=0.288N
POLY 1.5	P=0.244N	P=0.259N	P=0.256N	P=0.265N
POLY 6	P=0.240N	P=0.278N	P=0.280N	P=0.324N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.083N	P=0.106N	P=0.104N	P=0.124N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.208			
CURR VS HC ALL RTES	P=0.032*			

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/46.32	0/40.39	1/40.65	0/37.37
POLY-3 PERCENT (g)	4.3%	0%	2.5%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	12/750 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.293N	P=0.269N	P=0.545N	P=0.288N
POLY 1.5	P=0.283N	P=0.259N	P=0.529N	P=0.265N
POLY 6	P=0.312N	P=0.278N	P=0.564N	P=0.324N
COCH-ARM / FISHERS	P=0.282N	P=0.247N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.150N	P=0.106N	P=0.329N	P=0.124N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.629			
CURR VS HC ALL RTES	P=0.242			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/46.43	1/41.27	1/40.65	1/37.37
POLY-3 PERCENT (g)	6.5%	2.4%	2.5%	2.7%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	702	365	729 (T)	729 (T)
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	25/750 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.386N	P=0.349N	P=0.354N	P=0.387N
POLY 1.5	P=0.367N	P=0.335N	P=0.336N	P=0.349N
POLY 6	P=0.418N	P=0.362N	P=0.376N	P=0.443N
COCH-ARM / FISHERS	P=0.352N	P=0.309N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.316N	P=0.198N	P=0.204N	P=0.235N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.250			
CURR VS HC ALL RTES	P=0.366			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	4/50 (8%)
POLY-3 RATE (b)	2/46.32	1/40.82	0/40.61	4/38.90
POLY-3 PERCENT (g)	4.3%	2.5%	0%	10.3%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	604	---	554
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	35/750 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.088	P=0.544N	P=0.268N	P=0.261
POLY 1.5	P=0.097	P=0.531N	P=0.257N	P=0.293
POLY 6	P=0.077	P=0.554N	P=0.280N	P=0.218
COCH-ARM / FISHERS	P=0.104	P=0.500N	P=0.253N	P=0.339
MAX-ISO-POLY-3	P=0.074	P=0.328N	P=0.103N	P=0.163
HISTCONT SAME RTE	P=0.073	P=1.000	P=1.000	P=0.070
HISTCONT ALL RTES	P=0.272	P=1.000	P=1.000	P=0.169
CURR VS HC SAME RTE	P=0.509			
CURR VS HC ALL RTES	P=0.753			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	30/50 (60%)	31/50 (62%)	36/49 (73%)	33/50 (66%)
POLY-3 RATE (b)	30/47.77	31/45.05	36/44.87	33/43.16
POLY-3 PERCENT (g)	62.8%	68.8%	80.2%	76.5%
TERMINAL (d)	25/38 (66%)	21/30 (70%)	24/27 (89%)	14/17 (82%)
FIRST INCIDENCE	626	365	279	474
HC TUMORS SAME ROUTE	89/150 (59%)			
HC TUMORS ALL ROUTES	479/750 (64%)			
STATISTICAL TESTS				
POLY 3	P=0.105	P=0.344	P=0.043*	P=0.106
POLY 1.5	P=0.198	P=0.381	P=0.066	P=0.190
POLY 6	P=0.035*	P=0.316	P=0.025*	P=0.041*
COCH-ARM / FISHERS	P=0.333	P=0.500	P=0.113	P=0.339
MAX-ISO-POLY-3	P=0.077	P=0.272	P=0.028*	P=0.077
HISTCONT SAME RTE	P=0.174	P=0.305	P=0.106	P=0.155
HISTCONT ALL RTES	P=0.225	P=1.000	P=0.095	P=0.222
CURR VS HC SAME RTE	P=0.903			
CURR VS HC ALL RTES	P=0.320			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	15/50 (30%)	23/50 (46%)	14/49 (29%)	20/50 (40%)
POLY-3 RATE (b)	15/48.75	23/45.59	14/42.18	20/42.89
POLY-3 PERCENT (g)	30.8%	50.5%	33.2%	46.6%
TERMINAL (d)	9/38 (24%)	12/30 (40%)	7/27 (26%)	7/17 (41%)
FIRST INCIDENCE	512	365	554	474
HC TUMORS SAME ROUTE	62/150 (41%)			
HC TUMORS ALL ROUTES	286/750 (38%)			
STATISTICAL TESTS				
POLY 3	P=0.220	P=0.039*	P=0.492	P=0.086
POLY 1.5	P=0.295	P=0.046*	P=0.552	P=0.129
POLY 6	P=0.133	P=0.032*	P=0.423	P=0.045*
COCH-ARM / FISHERS	P=0.387	P=0.074	P=0.526N	P=0.201
MAX-ISO-POLY-3	P=0.109	P=0.027*	P=0.407	P=0.068
HISTCONT SAME RTE	P=0.638	P=0.322	P=1.000	P=0.428
HISTCONT ALL RTES	P=0.585	P=0.194	P=1.000	P=0.344
CURR VS HC SAME RTE	P=0.315			
CURR VS HC ALL RTES	P=0.139			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	16/50 (32%)	24/50 (48%)	14/49 (29%)	21/50 (42%)
POLY-3 RATE (b)	16/48.75	24/46.02	14/42.18	21/42.89
POLY-3 PERCENT (g)	32.8%	52.2%	33.2%	49%
TERMINAL (d)	10/38 (26%)	12/30 (40%)	7/27 (26%)	8/17 (47%)
FIRST INCIDENCE	512	365	554	474
HC TUMORS SAME ROUTE	65/150 (43%)			
HC TUMORS ALL ROUTES	306/750 (41%)			
STATISTICAL TESTS				
POLY 3	P=0.211	P=0.042*	P=0.574	P=0.084
POLY 1.5	P=0.287	P=0.049*	P=0.541N	P=0.128
POLY 6	P=0.123	P=0.038*	P=0.504	P=0.042*
COCH-ARM / FISHERS	P=0.383	P=0.076	P=0.440N	P=0.204
MAX-ISO-POLY-3	P=0.105	P=0.030*	P=0.485	P=0.066
HISTCONT SAME RTE	P=0.628	P=0.342	P=1.000	P=0.426
HISTCONT ALL RTES	P=0.600	P=0.225	P=1.000	P=0.362
CURR VS HC SAME RTE	P=0.339			
CURR VS HC ALL RTES	P=0.116			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	39/50 (78%)	38/50 (76%)	40/49 (82%)	39/50 (78%)
POLY-3 RATE (b)	39/49.59	38/46.65	40/45.63	39/45.69
POLY-3 PERCENT (g)	78.7%	81.5%	87.7%	85.4%
TERMINAL (d)	30/38 (79%)	23/30 (77%)	25/27 (93%)	14/17 (82%)
FIRST INCIDENCE	512	365	279	474
HC TUMORS SAME ROUTE	114/150 (76%)			
HC TUMORS ALL ROUTES	594/750 (79%)			
STATISTICAL TESTS				
POLY 3	P=0.249	P=0.464	P=0.174	P=0.271
POLY 1.5	P=0.379	P=0.520	P=0.266	P=0.403
POLY 6	P=0.125	P=0.422	P=0.095	P=0.149
COCH-ARM / FISHERS	P=0.522	P=0.500N	P=0.421	P=0.595N
MAX-ISO-POLY-3	P=0.241	P=0.366	P=0.119	P=0.196
HISTCONT SAME RTE	P=0.297	P=0.364	P=0.186	P=0.240
HISTCONT ALL RTES	P=0.535	P=1.000	P=0.268	P=0.417
CURR VS HC SAME RTE	P=0.833			
CURR VS HC ALL RTES	P=0.424			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	39/50 (78%)	39/50 (78%)	40/49 (82%)	39/50 (78%)
POLY-3 RATE (b)	39/49.59	39/47.08	40/45.63	39/45.69
POLY-3 PERCENT (g)	78.7%	82.8%	87.7%	85.4%
TERMINAL (d)	30/38 (79%)	23/30 (77%)	25/27 (93%)	14/17 (82%)
FIRST INCIDENCE	512	365	279	474
HC TUMORS SAME ROUTE	116/150 (77%)			
HC TUMORS ALL ROUTES	598/750 (80%)			
STATISTICAL TESTS				
POLY 3	P=0.276	P=0.395	P=0.174	P=0.271
POLY 1.5	P=0.418	P=0.437	P=0.266	P=0.403
POLY 6	P=0.138	P=0.374	P=0.095	P=0.149
COCH-ARM / FISHERS	P=0.550N	P=0.595N	P=0.421	P=0.595N
MAX-ISO-POLY-3	P=0.239	P=0.304	P=0.119	P=0.196
HISTCONT SAME RTE	P=0.383	P=0.371	P=0.229	P=0.291
HISTCONT ALL RTES	P=0.577	P=1.000	P=0.298	P=0.454
CURR VS HC SAME RTE	P=0.950			
CURR VS HC ALL RTES	P=0.356			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.57	0/40.39	0/40.61	0/37.37
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	662	---	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	9/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	10/50 (20%)	14/50 (28%)	9/50 (18%)	14/50 (28%)
POLY-3 RATE (b)	10/46.43	14/42.52	9/41.35	14/40.42
POLY-3 PERCENT (g)	21.5%	32.9%	21.8%	34.6%
TERMINAL (d)	9/38 (24%)	7/30 (23%)	6/27 (22%)	4/17 (24%)
FIRST INCIDENCE	702	449	646	530
HC TUMORS SAME ROUTE	19/150 (13%)			
HC TUMORS ALL ROUTES	118/750 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.190	P=0.165	P=0.592	P=0.129
POLY 1.5	P=0.242	P=0.183	P=0.574N	P=0.172
POLY 6	P=0.129	P=0.158	P=0.554	P=0.083
COCH-ARM / FISHERS	P=0.304	P=0.241	P=0.500N	P=0.241
MAX-ISO-POLY-3	P=0.158	P=0.122	P=0.489	P=0.098
HISTCONT SAME RTE	P=0.071	P=0.030*	P=0.082	P=0.030*
HISTCONT ALL RTES	P=0.028*	P=0.013*	P=0.337	P=0.010**
CURR VS HC SAME RTE	P=0.180			
CURR VS HC ALL RTES	P=0.556			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	18/50 (36%)	20/50 (40%)	27/50 (54%)
POLY-3 RATE (b)	4/47.24	18/44.04	20/43.32	27/42.97
POLY-3 PERCENT (g)	8.5%	40.9%	46.2%	62.8%
TERMINAL (d)	2/38 (5%)	9/30 (30%)	11/27 (41%)	12/17 (71%)
FIRST INCIDENCE	590	449	509	490
HC TUMORS SAME ROUTE	28/150 (19%)			
HC TUMORS ALL ROUTES	95/750 (13%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.016*	P=0.027*	P=0.023*	P=0.016*
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.051			
CURR VS HC ALL RTES	P=0.252			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	13/50 (26%)	29/50 (58%)	28/50 (56%)	34/50 (68%)
POLY-3 RATE (b)	13/47.34	29/44.99	28/44.01	34/45.18
POLY-3 PERCENT (g)	27.5%	64.5%	63.6%	75.3%
TERMINAL (d)	10/38 (26%)	16/30 (53%)	16/27 (59%)	12/17 (71%)
FIRST INCIDENCE	590	449	509	490
HC TUMORS SAME ROUTE	42/150 (28%)			
HC TUMORS ALL ROUTES	202/750 (27%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P=0.002**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.028*	P=0.018*	P=0.019*	P=0.013*
HISTCONT ALL RTEs	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.689			
CURR VS HC ALL RTEs	P=0.650			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	0/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/39.68	2/39.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	5.1%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/26 (8%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	0/146 (0%)			
HC TUMORS ALL ROUTES	2/739 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.695	(e)	P=0.205	(e)
POLY 1.5	P=0.717N	(e)	P=0.216	(e)
POLY 6	P=0.630	(e)	P=0.193	(e)
COCH-ARM / FISHERS	P=0.688N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.269	(e)	P=0.074	(e)
HISTCONT SAME RTE	P=0.289	(e)	P=0.080	(e)
HISTCONT ALL RTEs	P=0.144	(e)	P<0.001**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.386			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/39.68	2/39.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	5.1%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/26 (8%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	0/146 (0%)			
HC TUMORS ALL ROUTES	2/739 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.695	(e)	P=0.205	(e)
POLY 1.5	P=0.717N	(e)	P=0.216	(e)
POLY 6	P=0.630	(e)	P=0.193	(e)
COCH-ARM / FISHERS	P=0.688N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.269	(e)	P=0.074	(e)
HISTCONT SAME RTE	P=0.289	(e)	P=0.080	(e)
HISTCONT ALL RTEs	P=0.144	(e)	P<0.001**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.386			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	0/46.32	1/40.39	3/41.39	4/37.93
POLY-3 PERCENT (g)	0%	2.5%	7.3%	10.6%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	2/27 (7%)	2/17 (12%)
FIRST INCIDENCE	---	729 (T)	468	612
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	8/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.023*	P=0.473	P=0.100	P=0.039*
POLY 1.5	P=0.030*	P=0.481	P=0.106	P=0.047*
POLY 6	P=0.015*	P=0.466	P=0.092	P=0.029*
COCH-ARM / FISHERS	P=0.041*	P=0.500	P=0.121	P=0.059
MAX-ISO-POLY-3	P=0.032*	P=0.158	P=0.038*	P=0.018*
HISTCONT SAME RTE	P=0.030*	P=0.458	P=0.068	P=0.049*
HISTCONT ALL RTES	P<0.001**	P=1.000	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.469			
CURR VS HC ALL RTES	P=0.353			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	2/41.39	0/37.37
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	468	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	3/750 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.697	(e)	P=0.213	(e)
POLY 1.5	P=0.720N	(e)	P=0.221	(e)
POLY 6	P=0.633	(e)	P=0.203	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.275	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.288	(e)	P=0.080	(e)
HISTCONT ALL RTES	P=0.190	(e)	P=0.003**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.428			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	0/46.32	1/40.39	3/41.39	4/37.93
POLY-3 PERCENT (g)	0%	2.5%	7.3%	10.6%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	2/27 (7%)	2/17 (12%)
FIRST INCIDENCE	---	729 (T)	468	612
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	8/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.023*	P=0.473	P=0.100	P=0.039*
POLY 1.5	P=0.030*	P=0.481	P=0.106	P=0.047*
POLY 6	P=0.015*	P=0.466	P=0.092	P=0.029*
COCH-ARM / FISHERS	P=0.041*	P=0.500	P=0.121	P=0.059
MAX-ISO-POLY-3	P=0.032*	P=0.158	P=0.038*	P=0.018*
HISTCONT SAME RTE	P=0.030*	P=0.458	P=0.068	P=0.049*
HISTCONT ALL RTES	P<0.001**	P=1.000	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.469			
CURR VS HC ALL RTES	P=0.353			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/46.32	1/40.39	1/40.65	4/37.93
POLY-3 PERCENT (g)	0%	2.5%	2.5%	10.6%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	2/17 (12%)
FIRST INCIDENCE	---	729 (T)	729 (T)	612
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	4/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.012*	P=0.473	P=0.474	P=0.039*
POLY 1.5	P=0.015*	P=0.481	P=0.483	P=0.047*
POLY 6	P=0.009**	P=0.466	P=0.463	P=0.029*
COCH-ARM / FISHERS	P=0.019*	P=0.500	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.014*	P=0.158	P=0.158	P=0.018*
HISTCONT SAME RTE	P=0.029*	P=0.458	P=0.460	P=0.049*
HISTCONT ALL RTES	P<0.001**	P=0.279	P=0.281	P<0.001**
CURR VS HC SAME RTE	P=0.469			
CURR VS HC ALL RTES	P=0.450			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Squamous Cell Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	0/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.97	0/40.39	1/41.31	0/37.37
POLY-3 PERCENT (g)	4.4%	0%	2.4%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	509	---
HC TUMORS SAME ROUTE	5/150 (3%)			
HC TUMORS ALL ROUTES	26/741 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.290N	P=0.267N	P=0.537N	P=0.286N
POLY 1.5	P=0.280N	P=0.256N	P=0.522N	P=0.262N
POLY 6	P=0.308N	P=0.277N	P=0.555N	P=0.324N
COCH-ARM / FISHERS	P=0.279N	P=0.242N	P=0.492N	P=0.242N
MAX-ISO-POLY-3	P=0.148N	P=0.105N	P=0.322N	P=0.124N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.860			
CURR VS HC ALL RTES	P=0.913			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/48 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/45.97	0/40.12	2/39.72	0/36.58
POLY-3 PERCENT (g)	0%	0%	5%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/27 (7%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	0/149 (0%)			
HC TUMORS ALL ROUTES	6/747 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.690	(e)	P=0.206	(e)
POLY 1.5	P=0.722N	(e)	P=0.216	(e)
POLY 6	P=0.625	(e)	P=0.195	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.271	(e)	P=0.074	(e)
HISTCONT SAME RTE	P=0.290	(e)	P=0.079	(e)
HISTCONT ALL RTES	P=0.305	(e)	P=0.012*	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.433			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.32	2/40.68	0/40.65	1/38.07
POLY-3 PERCENT (g)	0%	4.9%	0%	2.6%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	651	---	490
HC TUMORS SAME ROUTE	2/150 (1%)			
HC TUMORS ALL ROUTES	12/750 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.572	P=0.209	(e)	P=0.461
POLY 1.5	P=0.599	P=0.217	(e)	P=0.478
POLY 6	P=0.534	P=0.203	(e)	P=0.436
COCH-ARM / FISHERS	P=0.633	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.334	P=0.075	(e)	P=0.158
HISTCONT SAME RTE	P=0.528	P=0.178	(e)	P=1.000
HISTCONT ALL RTES	P=0.607	P=0.120	(e)	P=1.000
CURR VS HC SAME RTE	P=0.285			
CURR VS HC ALL RTES	P=0.261			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/46.32	1/40.39	3/41.52	1/37.37
POLY-3 PERCENT (g)	4.3%	2.5%	7.2%	2.7%
TERMINAL (d)	2/38 (5%)	1/30 (3%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	509	729 (T)
HC TUMORS SAME ROUTE	10/150 (7%)			
HC TUMORS ALL ROUTES	75/750 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.542N	P=0.547N	P=0.450	P=0.574N
POLY 1.5	P=0.506N	P=0.533N	P=0.467	P=0.541N
POLY 6	P=0.598N	P=0.560N	P=0.432	P=0.620N
COCH-ARM / FISHERS	P=0.473N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.542N	P=0.332N	P=0.291	P=0.359N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.587			
CURR VS HC ALL RTES	P=0.121			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/46.32	3/40.68	3/41.52	2/38.07
POLY-3 PERCENT (g)	4.3%	7.4%	7.2%	5.3%
TERMINAL (d)	2/38 (5%)	2/30 (7%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	651	509	490
HC TUMORS SAME ROUTE	12/150 (8%)			
HC TUMORS ALL ROUTES	87/750 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.595N	P=0.441	P=0.450	P=0.621
POLY 1.5	P=0.555N	P=0.459	P=0.467	P=0.654
POLY 6	P=0.547	P=0.427	P=0.432	P=0.570
COCH-ARM / FISHERS	P=0.513N	P=0.500	P=0.500	P=0.691N
MAX-ISO-POLY-3	P=0.541	P=0.285	P=0.291	P=0.426
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.383			
CURR VS HC ALL RTES	P=0.063			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/46.57	1/40.39	3/41.21	1/37.37
POLY-3 PERCENT (g)	2.2%	2.5%	7.3%	2.7%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	663	729 (T)	639	729 (T)
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	9/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.574	P=0.728	P=0.263	P=0.709
POLY 1.5	P=0.619	P=0.738	P=0.277	P=0.733
POLY 6	P=0.500	P=0.718	P=0.248	P=0.672
COCH-ARM / FISHERS	P=0.616N	P=0.753N	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.419	P=0.461	P=0.140	P=0.442
HISTCONT SAME RTE	P=0.358	P=1.000	P=0.129	P=1.000
HISTCONT ALL RTES	P=0.143	P=1.000	P=0.004**	P=1.000
CURR VS HC SAME RTE	P=0.776			
CURR VS HC ALL RTES	P=0.669			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	4/50 (8%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	4/46.54	4/40.96	3/40.65	6/38.29
POLY-3 PERCENT (g)	8.6%	9.8%	7.4%	15.7%
TERMINAL (d)	3/38 (8%)	2/30 (7%)	3/27 (11%)	2/17 (12%)
FIRST INCIDENCE	670	590	729 (T)	639
HC TUMORS SAME ROUTE	9/150 (6%)			
HC TUMORS ALL ROUTES	38/750 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.189	P=0.571	P=0.573N	P=0.254
POLY 1.5	P=0.224	P=0.593	P=0.547N	P=0.303
POLY 6	P=0.145	P=0.554	P=0.604N	P=0.195
COCH-ARM / FISHERS	P=0.262	P=0.643N	P=0.500N	P=0.370
MAX-ISO-POLY-3	P=0.266	P=0.428	P=0.421N	P=0.181
HISTCONT SAME RTE	P=0.049*	P=0.225	P=1.000	P=0.059
HISTCONT ALL RTES	P=0.010**	P=0.147	P=0.466	P=0.004**
CURR VS HC SAME RTE	P=0.620			
CURR VS HC ALL RTES	P=0.439			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	37/50 (74%)	38/50 (76%)	38/50 (76%)	37/50 (74%)
POLY-3 RATE (b)	37/48.23	38/46.29	38/44.91	37/45.43
POLY-3 PERCENT (g)	76.7%	82.1%	84.6%	81.5%
TERMINAL (d)	29/38 (76%)	24/30 (80%)	26/27 (96%)	14/17 (82%)
FIRST INCIDENCE	626	365	279	474
HC TUMORS SAME ROUTE	117/150 (78%)			
HC TUMORS ALL ROUTES	572/750 (76%)			
STATISTICAL TESTS				
POLY 3	P=0.425	P=0.343	P=0.228	P=0.372
POLY 1.5	P=0.530	P=0.373	P=0.324	P=0.471
POLY 6	P=0.274	P=0.322	P=0.135	P=0.248
COCH-ARM / FISHERS	P=0.507N	P=0.500	P=0.500	P=0.590N
MAX-ISO-POLY-3	P=0.338	P=0.257	P=0.162	P=0.282
HISTCONT SAME RTE	P=0.588	P=0.486	P=0.354	P=1.000
HISTCONT ALL RTES	P=0.662	P=1.000	P=0.337	P=1.000
CURR VS HC SAME RTE	P=0.625			
CURR VS HC ALL RTES	P=0.374			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	25/50 (50%)	40/50 (80%)	38/50 (76%)	40/50 (80%)
POLY-3 RATE (b)	25/49.28	40/48.16	38/46.93	40/47.40
POLY-3 PERCENT (g)	50.7%	83.1%	81%	84.4%
TERMINAL (d)	16/38 (42%)	22/30 (73%)	20/27 (74%)	14/17 (82%)
FIRST INCIDENCE	512	365	468	474
HC TUMORS SAME ROUTE	99/150 (66%)			
HC TUMORS ALL ROUTES	471/750 (63%)			
STATISTICAL TESTS				
POLY 3	P=0.005**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.010**	P<0.001**	P=0.002**	P<0.001**
POLY 6	P=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.024*	P=0.002**	P=0.006**	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.161	P=0.114	P=0.143	P=0.100
HISTCONT ALL RTEs	P=0.023*	P=0.018*	P=0.035*	P=0.014*
CURR VS HC SAME RTE	P=0.108			
CURR VS HC ALL RTEs	P=0.032*			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	45/50 (90%)	45/50 (90%)	47/50 (94%)	46/50 (92%)
POLY-3 RATE (b)	45/50.00	45/48.16	47/48.08	46/48.12
POLY-3 PERCENT (g)	90%	93.4%	97.8%	95.6%
TERMINAL (d)	33/38 (87%)	27/30 (90%)	27/27 (100%)	16/17 (94%)
FIRST INCIDENCE	512	365	279	474
HC TUMORS SAME ROUTE	140/150 (93%)			
HC TUMORS ALL ROUTES	704/750 (94%)			
STATISTICAL TESTS				
POLY 3	P=0.229	P=0.401	P=0.110	P=0.239
POLY 1.5	P=0.336	P=0.437	P=0.170	P=0.336
POLY 6	P=0.136	P=0.383	P=0.069	P=0.159
COCH-ARM / FISHERS	P=0.436	P=0.630N	P=0.357	P=0.500
MAX-ISO-POLY-3	P=0.115	P=0.273	P=0.051	P=0.136
HISTCONT SAME RTE	P=0.394	P=1.000	P=0.263	P=0.447
HISTCONT ALL RTES	P=0.568	P=1.000	P=0.310	P=1.000
CURR VS HC SAME RTE	P=0.435			
CURR VS HC ALL RTES	P=0.065			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	1/43.74	1/39.93	0/36.26
POLY-3 PERCENT (g)	2.3%	2.3%	2.5%	0%
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	731 (T)	722	---
HC TUMORS SAME ROUTE	1/149 (1%)			
HC TUMORS ALL ROUTES	4/745 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/48 (0%)	3/49 (6%)
POLY-3 RATE (b)	0/44.50	2/43.74	0/38.09	3/35.58
POLY-3 PERCENT (g)	0%	4.6%	0%	8.4%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	---	731 (T)	---	701
HC TUMORS SAME ROUTE	3/149 (2%)			
HC TUMORS ALL ROUTES	10/746 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.078	P=0.233	(e)	P=0.083
POLY 1.5	P=0.089	P=0.237	(e)	P=0.097
POLY 6	P=0.064	P=0.226	(e)	P=0.068
COCH-ARM / FISHERS	P=0.106	P=0.247	(e)	P=0.117
MAX-ISO-POLY-3	P=0.042*	P=0.076	(e)	P=0.036*
HISTCONT SAME RTE	P=0.095	P=0.241	(e)	P=0.078
HISTCONT ALL RTES	P=0.019*	P=0.081	(e)	P=0.004**
CURR VS HC SAME RTE	P=0.212			
CURR VS HC ALL RTES	P=0.400			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	4/50 (8%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	3/44.56	4/43.94	6/41.37	2/36.40
POLY-3 PERCENT (g)	6.7%	9.1%	14.5%	5.5%
TERMINAL (d)	2/36 (6%)	3/31 (10%)	3/26 (12%)	1/15 (7%)
FIRST INCIDENCE	716	677	423	696
HC TUMORS SAME ROUTE	6/150 (4%)			
HC TUMORS ALL ROUTES	48/750 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.463N	P=0.492	P=0.205	P=0.591N
POLY 1.5	P=0.400N	P=0.500	P=0.224	P=0.550N
POLY 6	P=0.552N	P=0.477	P=0.180	P=0.647N
COCH-ARM / FISHERS	P=0.324N	P=0.500	P=0.243	P=0.500N
MAX-ISO-POLY-3	P=0.427N	P=0.341	P=0.129	P=0.416N
HISTCONT SAME RTE	P=0.285	P=0.136	P=0.049*	P=1.000
HISTCONT ALL RTES	P=0.478	P=0.399	P=0.042*	P=1.000
CURR VS HC SAME RTE	P=0.551			
CURR VS HC ALL RTES	P=0.926			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	4/45.28	0/43.74	0/39.89	2/36.63
POLY-3 PERCENT (g)	8.8%	0%	0%	5.5%
TERMINAL (d)	2/36 (6%)	0/31 (0%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	472	---	---	628
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	13/750 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.627N	P=0.065N	P=0.078N	P=0.439N
POLY 1.5	P=0.617N	P=0.062N	P=0.069N	P=0.392N
POLY 6	P=0.620	P=0.070N	P=0.091N	P=0.504N
COCH-ARM / FISHERS	P=0.600N	P=0.059N	P=0.059N	P=0.339N
MAX-ISO-POLY-3	P=0.096N	P=0.023N*	P=0.034N*	P=0.301N
HISTCONT SAME RTE	P=0.303	P=1.000	P=1.000	P=0.349
HISTCONT ALL RTEs	P=0.211	P=1.000	P=1.000	P=0.175
CURR VS HC SAME RTE	P=0.109			
CURR VS HC ALL RTEs	P=0.003**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	4/50 (8%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	7/45.34	4/43.94	6/41.37	4/36.76
POLY-3 PERCENT (g)	15.4%	9.1%	14.5%	10.9%
TERMINAL (d)	4/36 (11%)	3/31 (10%)	3/26 (12%)	2/15 (13%)
FIRST INCIDENCE	472	677	423	628
HC TUMORS SAME ROUTE	9/150 (6%)			
HC TUMORS ALL ROUTES	61/750 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.465N	P=0.278N	P=0.571N	P=0.392N
POLY 1.5	P=0.404N	P=0.267N	P=0.536N	P=0.331N
POLY 6	P=0.546N	P=0.298N	P=0.618N	P=0.481N
COCH-ARM / FISHERS	P=0.326N	P=0.262N	P=0.500N	P=0.262N
MAX-ISO-POLY-3	P=0.467N	P=0.185N	P=0.452N	P=0.294N
HISTCONT SAME RTE	P=0.182	P=0.355	P=0.071	P=0.211
HISTCONT ALL RTES	P=0.383	P=1.000	P=0.096	P=0.455
CURR VS HC SAME RTE	P=0.060			
CURR VS HC ALL RTES	P=0.149			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	0/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Large: Cecum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	0/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Duodenum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	3/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	0/43.74	1/40.52	1/36.42
POLY-3 PERCENT (g)	0%	0%	2.5%	2.8%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	526	691
HC TUMORS SAME ROUTE	2/150 (1%)			
HC TUMORS ALL ROUTES	5/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	1/43.74	1/40.52	1/36.42
POLY-3 PERCENT (g)	0%	2.3%	2.5%	2.8%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	526	691
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	10/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	4/748 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	11/50 (22%)	14/50 (28%)	16/50 (32%)	17/50 (34%)
POLY-3 RATE (b)	11/44.50	14/44.26	16/41.81	17/39.40
POLY-3 PERCENT (g)	24.7%	31.6%	38.3%	43.1%
TERMINAL (d)	11/36 (31%)	12/31 (39%)	10/26 (39%)	6/15 (40%)
FIRST INCIDENCE	731 (T)	645	521	470
HC TUMORS SAME ROUTE	58/150 (39%)			
HC TUMORS ALL ROUTES	318/748 (43%)			
STATISTICAL TESTS				
POLY 3	P=0.058	P=0.312	P=0.127	P=0.056
POLY 1.5	P=0.091	P=0.324	P=0.152	P=0.084
POLY 6	P=0.031*	P=0.288	P=0.100	P=0.030*
COCH-ARM / FISHERS	P=0.151	P=0.322	P=0.184	P=0.133
MAX-ISO-POLY-3	P=0.073	P=0.235	P=0.091	P=0.042*
HISTCONT SAME RTE	P=0.620	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.091			
CURR VS HC ALL RTES	P=0.012*			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	11/50 (22%)	12/50 (24%)	4/50 (8%)
POLY-3 RATE (b)	6/44.83	11/44.77	12/41.61	4/36.91
POLY-3 PERCENT (g)	13.4%	24.6%	28.8%	10.8%
TERMINAL (d)	4/36 (11%)	7/31 (23%)	6/26 (23%)	3/15 (20%)
FIRST INCIDENCE	684	613	512	513
HC TUMORS SAME ROUTE	28/150 (19%)			
HC TUMORS ALL ROUTES	133/748 (18%)			
STATISTICAL TESTS				
POLY 3	P=0.252N	P=0.139	P=0.064	P=0.496N
POLY 1.5	P=0.179N	P=0.144	P=0.077	P=0.437N
POLY 6	P=0.379N	P=0.128	P=0.049*	P=0.582N
COCH-ARM / FISHERS	P=0.114N	P=0.143	P=0.096	P=0.370N
MAX-ISO-POLY-3	P=0.201N	P=0.088	P=0.042*	P=0.374N
HISTCONT SAME RTE	P=0.704	P=0.177	P=0.064	P=1.000
HISTCONT ALL RTES	P=0.707	P=0.330	P=0.199	P=1.000
CURR VS HC SAME RTE	P=0.226			
CURR VS HC ALL RTES	P=0.345			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	11/50 (22%)	12/50 (24%)	4/50 (8%)
POLY-3 RATE (b)	6/44.83	11/44.77	12/41.61	4/36.91
POLY-3 PERCENT (g)	13.4%	24.6%	28.8%	10.8%
TERMINAL (d)	4/36 (11%)	7/31 (23%)	6/26 (23%)	3/15 (20%)
FIRST INCIDENCE	684	613	512	513
HC TUMORS SAME ROUTE	28/150 (19%)			
HC TUMORS ALL ROUTES	136/748 (18%)			
STATISTICAL TESTS				
POLY 3	P=0.252N	P=0.139	P=0.064	P=0.496N
POLY 1.5	P=0.179N	P=0.144	P=0.077	P=0.437N
POLY 6	P=0.379N	P=0.128	P=0.049*	P=0.582N
COCH-ARM / FISHERS	P=0.114N	P=0.143	P=0.096	P=0.370N
MAX-ISO-POLY-3	P=0.201N	P=0.088	P=0.042*	P=0.374N
HISTCONT SAME RTE	P=0.704	P=0.177	P=0.064	P=1.000
HISTCONT ALL RTES	P=0.725	P=0.352	P=0.216	P=1.000
CURR VS HC SAME RTE	P=0.226			
CURR VS HC ALL RTES	P=0.317			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	14/50 (28%)	22/50 (44%)	22/50 (44%)	19/50 (38%)
POLY-3 RATE (b)	14/44.83	22/44.98	22/43.03	19/40.06
POLY-3 PERCENT (g)	31.2%	48.9%	51.1%	47.4%
TERMINAL (d)	12/36 (33%)	17/31 (55%)	12/26 (46%)	7/15 (47%)
FIRST INCIDENCE	684	613	512	470
HC TUMORS SAME ROUTE	73/150 (49%)			
HC TUMORS ALL ROUTES	373/748 (50%)			
STATISTICAL TESTS				
POLY 3	P=0.213	P=0.063	P=0.042*	P=0.091
POLY 1.5	P=0.300	P=0.070	P=0.054	P=0.133
POLY 6	P=0.123	P=0.053	P=0.031*	P=0.050*
COCH-ARM / FISHERS	P=0.425	P=0.072	P=0.072	P=0.198
MAX-ISO-POLY-3	P=0.086	P=0.040*	P=0.028*	P=0.069
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.023*			
CURR VS HC ALL RTES	P=0.007**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	14/50 (28%)	22/50 (44%)	22/50 (44%)	19/50 (38%)
POLY-3 RATE (b)	14/44.83	22/44.98	22/43.03	19/40.06
POLY-3 PERCENT (g)	31.2%	48.9%	51.1%	47.4%
TERMINAL (d)	12/36 (33%)	17/31 (55%)	12/26 (46%)	7/15 (47%)
FIRST INCIDENCE	684	613	512	470
HC TUMORS SAME ROUTE	73/150 (49%)			
HC TUMORS ALL ROUTES	373/748 (50%)			
STATISTICAL TESTS				
POLY 3	P=0.213	P=0.063	P=0.042*	P=0.091
POLY 1.5	P=0.300	P=0.070	P=0.054	P=0.133
POLY 6	P=0.123	P=0.053	P=0.031*	P=0.050*
COCH-ARM / FISHERS	P=0.425	P=0.072	P=0.072	P=0.198
MAX-ISO-POLY-3	P=0.086	P=0.040*	P=0.028*	P=0.069
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.023*			
CURR VS HC ALL RTES	P=0.007**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	2/44.21	0/39.89	0/36.26
POLY-3 PERCENT (g)	2.3%	4.5%	0%	0%
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	590	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	0/748 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.231N	P=0.498	P=0.522N	P=0.540N
POLY 1.5	P=0.220N	P=0.501	P=0.512N	P=0.522N
POLY 6	P=0.248N	P=0.489	P=0.536N	P=0.566N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.255N	P=0.279	P=0.185N	P=0.208N
HISTCONT SAME RTE	P=0.438	P=0.078	(e)	(e)
HISTCONT ALL RTES	P=0.209	P<0.001**	(e)	(e)
CURR VS HC SAME RTE	P=0.060			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	10/50 (20%)	19/50 (38%)	8/50 (16%)
POLY-3 RATE (b)	1/44.50	10/43.95	19/42.37	8/39.50
POLY-3 PERCENT (g)	2.3%	22.8%	44.9%	20.3%
TERMINAL (d)	1/36 (3%)	7/31 (23%)	12/26 (46%)	1/15 (7%)
FIRST INCIDENCE	731 (T)	708	519	404
HC TUMORS SAME ROUTE	7/149 (5%)			
HC TUMORS ALL ROUTES	42/749 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.137	P=0.003**	P<0.001**	P=0.009**
POLY 1.5	P=0.195	P=0.004**	P<0.001**	P=0.012*
POLY 6	P=0.074	P=0.003**	P<0.001**	P=0.006**
COCH-ARM / FISHERS	P=0.285	P=0.004**	P<0.001**	P=0.015*
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P=0.005**
HISTCONT SAME RTE	P=0.133	P=0.027*	P=0.013*	P=0.038*
HISTCONT ALL RTES	P=0.011*	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.393			
CURR VS HC ALL RTES	P=0.284			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	14/50 (28%)	11/50 (22%)	11/50 (22%)
POLY-3 RATE (b)	2/45.23	14/44.93	11/41.04	11/38.15
POLY-3 PERCENT (g)	4.4%	31.2%	26.8%	28.8%
TERMINAL (d)	1/36 (3%)	9/31 (29%)	7/26 (27%)	5/15 (33%)
FIRST INCIDENCE	472	511	526	493
HC TUMORS SAME ROUTE	10/149 (7%)			
HC TUMORS ALL ROUTES	34/749 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.065	P<0.001**	P=0.003**	P=0.002**
POLY 1.5	P=0.104	P<0.001**	P=0.005**	P=0.004**
POLY 6	P=0.032*	P<0.001**	P=0.002**	P<0.001**
COCH-ARM / FISHERS	P=0.180	P<0.001**	P=0.007**	P=0.007**
MAX-ISO-POLY-3	P=0.009**	P<0.001**	P=0.002**	P=0.002**
HISTCONT SAME RTE	P=0.119	P=0.024*	P=0.035*	P=0.035*
HISTCONT ALL RTES	P=0.002**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.503			
CURR VS HC ALL RTES	P=0.857			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	22/50 (44%)	27/50 (54%)	18/50 (36%)
POLY-3 RATE (b)	3/45.23	22/45.09	27/43.14	18/41.40
POLY-3 PERCENT (g)	6.6%	48.8%	62.6%	43.5%
TERMINAL (d)	2/36 (6%)	15/31 (48%)	17/26 (65%)	5/15 (33%)
FIRST INCIDENCE	472	511	519	404
HC TUMORS SAME ROUTE	16/149 (11%)			
HC TUMORS ALL ROUTES	74/749 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.019*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.038*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.007**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.090	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.101	P=0.016*	P=0.011*	P=0.022*
HISTCONT ALL RTEs	P=0.002**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.322			
CURR VS HC ALL RTEs	P=0.370			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	2/44.15	0/39.89	0/36.26
POLY-3 PERCENT (g)	2.3%	4.5%	0%	0%
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	613	---	---
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	9/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.231N	P=0.497	P=0.522N	P=0.540N
POLY 1.5	P=0.220N	P=0.501	P=0.512N	P=0.522N
POLY 6	P=0.248N	P=0.489	P=0.536N	P=0.566N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.255N	P=0.279	P=0.185N	P=0.208N
HISTCONT SAME RTE	P=1.000	P=0.489	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.715	P=0.069	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.795			
CURR VS HC ALL RTES	P=0.622			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Cystadenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/49 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	2/42.74	2/40.35	0/36.26
POLY-3 PERCENT (g)	2.3%	4.7%	5%	0%
TERMINAL (d)	1/36 (3%)	2/30 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	731 (T)	596	---
HC TUMORS SAME ROUTE	4/148 (3%)			
HC TUMORS ALL ROUTES	33/742 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.305N	P=0.486	P=0.466	P=0.540N
POLY 1.5	P=0.275N	P=0.492	P=0.482	P=0.522N
POLY 6	P=0.351N	P=0.474	P=0.444	P=0.566N
COCH-ARM / FISHERS	P=0.239N	P=0.492	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.297N	P=0.271	P=0.262	P=0.208N
HISTCONT SAME RTE	P=0.714	P=0.470	P=0.413	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.782			
CURR VS HC ALL RTES	P=0.428			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	9/49 (18%)	10/50 (20%)	7/50 (14%)	3/50 (6%)
POLY-3 RATE (b)	9/43.50	10/45.10	7/41.01	3/36.26
POLY-3 PERCENT (g)	20.7%	22.2%	17.1%	8.3%
TERMINAL (d)	9/35 (26%)	6/31 (19%)	4/26 (15%)	3/15 (20%)
FIRST INCIDENCE	731 (T)	511	526	731 (T)
HC TUMORS SAME ROUTE	16/147 (11%)			
HC TUMORS ALL ROUTES	49/739 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.065N	P=0.535	P=0.442N	P=0.109N
POLY 1.5	P=0.043N*	P=0.536	P=0.410N	P=0.080N
POLY 6	P=0.107N	P=0.523	P=0.486N	P=0.164N
COCH-ARM / FISHERS	P=0.026N*	P=0.520	P=0.376N	P=0.056N
MAX-ISO-POLY-3	P=0.104N	P=0.432	P=0.340N	P=0.078N
HISTCONT SAME RTE	P=0.520	P=0.091	P=0.265	P=1.000
HISTCONT ALL RTES	P=0.247	P=0.002**	P=0.034*	P=1.000
CURR VS HC SAME RTE	P=0.195			
CURR VS HC ALL RTES	P=0.002**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	9/49 (18%)	10/50 (20%)	8/50 (16%)	3/50 (6%)
POLY-3 RATE (b)	9/43.50	10/45.10	8/41.48	3/36.26
POLY-3 PERCENT (g)	20.7%	22.2%	19.3%	8.3%
TERMINAL (d)	9/35 (26%)	6/31 (19%)	4/26 (15%)	3/15 (20%)
FIRST INCIDENCE	731 (T)	511	526	731 (T)
HC TUMORS SAME ROUTE	16/147 (11%)			
HC TUMORS ALL ROUTES	49/739 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.069N	P=0.535	P=0.544N	P=0.109N
POLY 1.5	P=0.046N*	P=0.536	P=0.513N	P=0.080N
POLY 6	P=0.116N	P=0.523	P=0.583N	P=0.164N
COCH-ARM / FISHERS	P=0.026N*	P=0.520	P=0.482N	P=0.056N
MAX-ISO-POLY-3	P=0.112N	P=0.432	P=0.436N	P=0.078N
HISTCONT SAME RTE	P=0.486	P=0.091	P=0.168	P=1.000
HISTCONT ALL RTES	P=0.226	P=0.002**	P=0.013*	P=1.000
CURR VS HC SAME RTE	P=0.195			
CURR VS HC ALL RTES	P=0.002**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.01	1/43.94	0/39.89	1/36.69
POLY-3 PERCENT (g)	4.4%	2.3%	0%	2.7%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	576	677	---	606
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	27/750 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.538N	P=0.508N	P=0.265N	P=0.570N
POLY 1.5	P=0.526N	P=0.502N	P=0.252N	P=0.539N
POLY 6	P=0.553N	P=0.520N	P=0.284N	P=0.614N
COCH-ARM / FISHERS	P=0.510N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.336N	P=0.290N	P=0.102N	P=0.355N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.668			
CURR VS HC ALL RTES	P=0.881			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.01	1/43.94	0/39.89	1/36.69
POLY-3 PERCENT (g)	2.2%	2.3%	0%	2.7%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	576	677	---	606
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	12/750 (2%)			
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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.01	1/43.94	0/39.89	1/36.69
POLY-3 PERCENT (g)	4.4%	2.3%	0%	2.7%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	576	677	---	606
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	27/750 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.538N	P=0.508N	P=0.265N	P=0.570N
POLY 1.5	P=0.526N	P=0.502N	P=0.252N	P=0.539N
POLY 6	P=0.553N	P=0.520N	P=0.284N	P=0.614N
COCH-ARM / FISHERS	P=0.510N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.336N	P=0.290N	P=0.102N	P=0.355N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.668			
CURR VS HC ALL RTES	P=0.881			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	4/750 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Squamous Cell Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	2/37.28
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	424
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	0/750 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.033*	(e)	(e)	P=0.200
POLY 1.5	P=0.036*	(e)	(e)	P=0.217
POLY 6	P=0.029*	(e)	(e)	P=0.178
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075
HISTCONT SAME RTE	P=0.051	(e)	(e)	P=0.083
HISTCONT ALL RTES	P<0.001**	(e)	(e)	P<0.001**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	1/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	---	---
HC TUMORS SAME ROUTE	6/149 (4%)			
HC TUMORS ALL ROUTES	12/740 (2%)			
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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/48 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.94	0/43.74	1/39.89	1/36.26
POLY-3 PERCENT (g)	0%	0%	2.5%	2.8%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	---	---	731 (T)	731 (T)
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	3/743 (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: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Leiomyoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/43.83	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	708	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	1/750 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.385N	P=0.234	(e)	(e)
POLY 1.5	P=0.371N	P=0.237	(e)	(e)
POLY 6	P=0.407N	P=0.227	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.331N	P=0.076	(e)	(e)
HISTCONT SAME RTE	P=0.597	P=0.133	(e)	(e)
HISTCONT ALL RTES	P=0.281	P<0.001**	(e)	(e)
CURR VS HC SAME RTE	P=0.419			
CURR VS HC ALL RTES	P=0.485			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	4/44.91	2/43.74	1/40.53	3/36.78
POLY-3 PERCENT (g)	8.9%	4.6%	2.5%	8.2%
TERMINAL (d)	3/36 (8%)	2/31 (7%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	614	731 (T)	519	572
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	19/750 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.540	P=0.349N	P=0.211N	P=0.607N
POLY 1.5	P=0.573	P=0.341N	P=0.195N	P=0.559N
POLY 6	P=0.496	P=0.366N	P=0.235N	P=0.630
COCH-ARM / FISHERS	P=0.604N	P=0.339N	P=0.181N	P=0.500N
MAX-ISO-POLY-3	P=0.407N	P=0.213N	P=0.114N	P=0.456N
HISTCONT SAME RTE	P=0.140	P=0.486	P=1.000	P=0.161
HISTCONT ALL RTES	P=0.135	P=0.404	P=1.000	P=0.082
CURR VS HC SAME RTE	P=0.097			
CURR VS HC ALL RTES	P=0.027*			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/44.50	2/43.74	1/39.89	3/36.34
POLY-3 PERCENT (g)	0%	4.6%	2.5%	8.3%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/26 (4%)	2/15 (13%)
FIRST INCIDENCE	---	731 (T)	731 (T)	710
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	5/750 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.095	P=0.233	P=0.478	P=0.086
POLY 1.5	P=0.112	P=0.237	P=0.488	P=0.100
POLY 6	P=0.075	P=0.226	P=0.464	P=0.070
COCH-ARM / FISHERS	P=0.137	P=0.247	P=0.500	P=0.121
MAX-ISO-POLY-3	P=0.062	P=0.076	P=0.158	P=0.037*
HISTCONT SAME RTE	P=0.054	P=0.078	P=0.236	P=0.054
HISTCONT ALL RTEs	P<0.001**	P=0.008**	P=0.321	P<0.001**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.569			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	4/44.53	3/44.58	3/39.89	2/36.40
POLY-3 PERCENT (g)	9%	6.7%	7.5%	5.5%
TERMINAL (d)	3/36 (8%)	1/31 (3%)	3/26 (12%)	1/15 (7%)
FIRST INCIDENCE	725	606	731 (T)	696
HC TUMORS SAME ROUTE	10/150 (7%)			
HC TUMORS ALL ROUTES	38/750 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.408N	P=0.499N	P=0.560N	P=0.434N
POLY 1.5	P=0.364N	P=0.496N	P=0.532N	P=0.389N
POLY 6	P=0.470N	P=0.509N	P=0.598N	P=0.499N
COCH-ARM / FISHERS	P=0.309N	P=0.500N	P=0.500N	P=0.339N
MAX-ISO-POLY-3	P=0.475N	P=0.346N	P=0.407N	P=0.296N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.697	P=1.000	P=0.440	P=1.000
CURR VS HC SAME RTE	P=0.743			
CURR VS HC ALL RTES	P=0.368			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	4/44.53	5/44.58	4/39.89	5/36.48
POLY-3 PERCENT (g)	9%	11.2%	10%	13.7%
TERMINAL (d)	3/36 (8%)	3/31 (10%)	4/26 (15%)	3/15 (20%)
FIRST INCIDENCE	725	606	731 (T)	696
HC TUMORS SAME ROUTE	10/150 (7%)			
HC TUMORS ALL ROUTES	43/750 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.351	P=0.501	P=0.582	P=0.377
POLY 1.5	P=0.411	P=0.505	P=0.611	P=0.432
POLY 6	P=0.274	P=0.489	P=0.541	P=0.303
COCH-ARM / FISHERS	P=0.490	P=0.500	P=0.643N	P=0.500
MAX-ISO-POLY-3	P=0.439	P=0.363	P=0.437	P=0.272
HISTCONT SAME RTE	P=0.083	P=0.147	P=0.308	P=0.093
HISTCONT ALL RTES	P=0.081	P=0.131	P=0.254	P=0.073
CURR VS HC SAME RTE	P=0.743			
CURR VS HC ALL RTES	P=0.503			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	6/50 (12%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/44.95	6/44.99	2/40.61	3/37.32
POLY-3 PERCENT (g)	6.7%	13.3%	4.9%	8%
TERMINAL (d)	1/36 (3%)	3/31 (10%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	614	559	526	488
HC TUMORS SAME ROUTE	5/150 (3%)			
HC TUMORS ALL ROUTES	17/750 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.475N	P=0.242	P=0.546N	P=0.574
POLY 1.5	P=0.431N	P=0.246	P=0.524N	P=0.615
POLY 6	P=0.537N	P=0.232	P=0.576N	P=0.514
COCH-ARM / FISHERS	P=0.378N	P=0.243	P=0.500N	P=0.661N
MAX-ISO-POLY-3	P=0.478N	P=0.146	P=0.371N	P=0.413
HISTCONT SAME RTE	P=0.293	P=0.038*	P=1.000	P=0.141
HISTCONT ALL RTES	P=0.084	P<0.001**	P=0.257	P=0.025*
CURR VS HC SAME RTE	P=0.371			
CURR VS HC ALL RTES	P=0.096			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	17/50 (34%)	20/50 (40%)	27/50 (54%)
POLY-3 RATE (b)	7/44.77	17/44.65	20/42.12	27/44.47
POLY-3 PERCENT (g)	15.6%	38.1%	47.5%	60.7%
TERMINAL (d)	5/36 (14%)	15/31 (48%)	12/26 (46%)	5/15 (33%)
FIRST INCIDENCE	677	558	512	404
HC TUMORS SAME ROUTE	46/150 (31%)			
HC TUMORS ALL ROUTES	182/750 (24%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.013*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.015*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.010**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.017*	P=0.003**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.014*	P=0.284	P=0.055	P=0.023*
HISTCONT ALL RTES	P<0.001**	P=0.094	P=0.013*	P<0.001**
CURR VS HC SAME RTE	P=0.013*			
CURR VS HC ALL RTES	P=0.115			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	25/50 (50%)	35/50 (70%)	35/50 (70%)	31/50 (62%)
POLY-3 RATE (b)	25/45.15	35/45.76	35/45.45	31/42.98
POLY-3 PERCENT (g)	55.4%	76.5%	77%	72.1%
TERMINAL (d)	22/36 (61%)	27/31 (87%)	20/26 (77%)	13/15 (87%)
FIRST INCIDENCE	614	511	423	404
HC TUMORS SAME ROUTE	87/150 (58%)			
HC TUMORS ALL ROUTES	438/750 (58%)			
STATISTICAL TESTS				
POLY 3	P=0.222	P=0.022*	P=0.019*	P=0.068
POLY 1.5	P=0.312	P=0.028*	P=0.024*	P=0.106
POLY 6	P=0.119	P=0.013*	P=0.015*	P=0.030*
COCH-ARM / FISHERS	P=0.417	P=0.033*	P=0.033*	P=0.157
MAX-ISO-POLY-3	P=0.027*	P=0.012*	P=0.011*	P=0.046*
HISTCONT SAME RTE	P=0.204	P=0.080	P=0.076	P=0.152
HISTCONT ALL RTES	P=0.260	P=0.123	P=0.114	P=0.237
CURR VS HC SAME RTE	P=0.423			
CURR VS HC ALL RTES	P=0.345			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	25/50 (50%)	40/50 (80%)	35/50 (70%)	41/50 (82%)
POLY-3 RATE (b)	25/46.81	40/48.83	35/45.10	41/47.39
POLY-3 PERCENT (g)	53.4%	81.9%	77.6%	86.5%
TERMINAL (d)	16/36 (44%)	25/31 (81%)	19/26 (73%)	12/15 (80%)
FIRST INCIDENCE	472	511	512	404
HC TUMORS SAME ROUTE	94/150 (63%)			
HC TUMORS ALL ROUTES	406/750 (54%)			
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.002**	P=0.010**	P<0.001**
POLY 1.5	P=0.006**	P=0.002**	P=0.016*	P<0.001**
POLY 6	P=0.003**	P=0.002**	P=0.006**	P<0.001**
COCH-ARM / FISHERS	P=0.012*	P=0.002**	P=0.033*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P=0.006**	P<0.001**
HISTCONT SAME RTE	P=0.043*	P=0.028*	P=0.041*	P=0.023*
HISTCONT ALL RTES	P=0.023*	P=0.025*	P=0.064	P=0.013*
CURR VS HC SAME RTE	P=0.080			
CURR VS HC ALL RTES	P=0.672			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:55
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	35/50 (70%)	47/50 (94%)	46/50 (92%)	46/50 (92%)
POLY-3 RATE (b)	35/46.81	47/49.00	46/47.41	46/48.81
POLY-3 PERCENT (g)	74.8%	95.9%	97%	94.3%
TERMINAL (d)	26/36 (72%)	30/31 (97%)	26/26 (100%)	14/15 (93%)
FIRST INCIDENCE	472	511	423	404
HC TUMORS SAME ROUTE	126/150 (84%)			
HC TUMORS ALL ROUTES	593/750 (79%)			
STATISTICAL TESTS				
POLY 3	P=0.037*	P=0.002**	P<0.001**	P=0.006**
POLY 1.5	P=0.037*	P=0.002**	P=0.002**	P=0.005**
POLY 6	P=0.037*	P=0.003**	P<0.001**	P=0.006**
COCH-ARM / FISHERS	P=0.042*	P=0.002**	P=0.005**	P=0.005**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P=0.003**
HISTCONT SAME RTE	P=0.176	P=0.106	P=0.087	P=0.151
HISTCONT ALL RTES	P=0.101	P=0.066	P=0.057	P=0.095
CURR VS HC SAME RTE	P=0.052			
CURR VS HC ALL RTES	P=0.251			

Experiment Number: 20601 - 04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
CAS Number: 1309-64-4

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LEGEND

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

*** END OF REPORT ***