

Experiment Number: 20601 - 03
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
Time Report Requested: 14:20:06
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

F1_Core_RE

NTP Study Number:	C20601		
Lock Date:	06/13/2011		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
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

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

ALL ROUTES

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

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

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

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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
Islets, Pancreatic
Liver
Lung
Ovary
Pituitary Gland
Prostate
Testes
Thymus
Thyroid Gland

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

MALE RATS

Organ

Adrenal Cortex
Adrenal Medulla

Islets, Pancreatic

Lung

Pituitary Gland: Pars Distalis or Unspecified Site

Testes
All Organs

FEMALE RATS

Organ

Adrenal Medulla

Lung

Mammary Gland
Ovary
Pituitary Gland: Pars Distalis or Unspecified Site

Uterus

All Organs

Morphology

Adenoma
Pheochromocytoma Benign
Pheochromocytoma: Benign, Complex, Malignant, NOS
Adenoma
Carcinoma or Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Adenoma
Carcinoma or Adenoma
Adenoma
Malignant Tumors

Morphology

Pheochromocytoma Benign
Pheochromocytoma: Benign, Complex, Malignant, NOS
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Cystic Keratinizing Epithelioma
Carcinoma
Cystadenoma
Adenoma
Carcinoma or Adenoma
Carcinoma
Polyp Stromal
Sarcoma Stromal or Polyp Stromal
Malignant Tumors

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	3/41.49	0/40.76	3/43.37	0/39.99
POLY-3 PERCENT (g)	7.2%	0%	6.9%	0%
TERMINAL (d)	2/30 (7%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	607	---	589	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.205N	P=0.121N	P=0.642N	P=0.125N
POLY 1.5	P=0.200N	P=0.120N	P=0.655N	P=0.121N
POLY 6	P=0.218N	P=0.121N	P=0.627N	P=0.133N
COCH-ARM / FISHERS	P=0.200N	P=0.121N	P=0.661N	P=0.121N
MAX-ISO-POLY-3	P=0.071N	P=0.040N*	P=0.477N	P=0.043N*
HISTCONT SAME RTE	P=0.626	P=1.000	P=0.483	P=1.000
HISTCONT ALL RTEs	P=0.513	P=1.000	P=0.137	P=1.000
CURR VS HC SAME RTE	P=0.620			
CURR VS HC ALL RTEs	P=0.141			

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 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)	1/49 (2%)	0/50 (0%)	2/49 (4%)	7/50 (14%)
POLY-3 RATE (b)	1/40.36	0/40.76	2/42.07	7/40.80
POLY-3 PERCENT (g)	2.5%	0%	4.8%	17.2%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	1/27 (4%)	3/18 (17%)
FIRST INCIDENCE	729 (T)	---	537	590
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	5/149 (3%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.498N	P=0.515	P=0.030*
POLY 1.5	P<0.001**	P=0.497N	P=0.505	P=0.031*
POLY 6	P<0.001**	P=0.498N	P=0.525	P=0.026*
COCH-ARM / FISHERS	P<0.001**	P=0.495N	P=0.500	P=0.032*
MAX-ISO-POLY-3	P<0.001**	P=0.157N	P=0.296	P=0.012*
HISTCONT SAME RTE	P=0.187	P=1.000	P=1.000	P=0.240
HISTCONT ALL RTEs	P=0.041*	P=1.000	P=1.000	P=0.053
CURR VS HC SAME RTE	P=0.223			
CURR VS HC ALL RTEs	P=0.729			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	2/49 (4%)	7/50 (14%)
POLY-3 RATE (b)	2/40.55	0/40.76	2/42.07	7/40.80
POLY-3 PERCENT (g)	4.9%	0%	4.8%	17.2%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	1/27 (4%)	3/18 (17%)
FIRST INCIDENCE	680	---	537	590
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	5/149 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.236N	P=0.681N	P=0.078
POLY 1.5	P=0.003**	P=0.235N	P=0.690N	P=0.082
POLY 6	P=0.002**	P=0.236N	P=0.673N	P=0.069
COCH-ARM / FISHERS	P=0.004**	P=0.242N	P=0.691N	P=0.085
MAX-ISO-POLY-3	P=0.005**	P=0.075N	P=0.484N	P=0.038*
HISTCONT SAME RTE	P=0.187	P=1.000	P=1.000	P=0.240
HISTCONT ALL RTES	P=0.041*	P=1.000	P=1.000	P=0.053
CURR VS HC SAME RTE	P=0.481			
CURR VS HC ALL RTES	P=0.835			

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	4/50 (8%)	1/49 (2%)
POLY-3 RATE (b)	0/41.07	1/40.76	4/43.38	1/39.14
POLY-3 PERCENT (g)	0%	2.5%	9.2%	2.6%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	1/28 (4%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	576	691
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.509	P=0.499	P=0.067	P=0.490
POLY 1.5	P=0.520	P=0.499	P=0.063	P=0.494
POLY 6	P=0.483	P=0.499	P=0.073	P=0.483
COCH-ARM / FISHERS	P=0.525	P=0.500	P=0.059	P=0.495
MAX-ISO-POLY-3	P=0.127	P=0.158	P=0.025*	P=0.157
HISTCONT SAME RTE	P=0.255	P=0.484	P=0.225	P=0.477
HISTCONT ALL RTEs	P=0.193	P=0.485	P=0.044*	P=0.472
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.539			

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	4/50 (8%)	2/49 (4%)
POLY-3 RATE (b)	0/41.07	1/40.76	4/43.38	2/39.14
POLY-3 PERCENT (g)	0%	2.5%	9.2%	5.1%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	1/28 (4%)	1/17 (6%)
FIRST INCIDENCE	---	729 (T)	576	691
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.265	P=0.499	P=0.067	P=0.226
POLY 1.5	P=0.274	P=0.499	P=0.063	P=0.230
POLY 6	P=0.243	P=0.499	P=0.073	P=0.217
COCH-ARM / FISHERS	P=0.280	P=0.500	P=0.059	P=0.242
MAX-ISO-POLY-3	P=0.093	P=0.158	P=0.025*	P=0.074
HISTCONT SAME RTE	P=0.184	P=0.484	P=0.225	P=0.299
HISTCONT ALL RTEs	P=0.129	P=0.485	P=0.044*	P=0.132
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.539			

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	2/40.76	1/42.47	0/39.99
POLY-3 PERCENT (g)	0%	4.9%	2.4%	0%
TERMINAL (d)	0/30 (0%)	2/30 (7%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.375N	P=0.235	P=0.507	(e)
POLY 1.5	P=0.370N	P=0.236	P=0.502	(e)
POLY 6	P=0.385N	P=0.236	P=0.512	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.343N	P=0.075	P=0.167	(e)
HISTCONT SAME RTE	P=0.387	P=0.302	P=0.492	(e)
HISTCONT ALL RTES	P=0.287	P=0.079	P=0.240	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

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 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)	3/50 (6%)	4/50 (8%)	6/50 (12%)	8/50 (16%)
POLY-3 RATE (b)	3/42.46	4/40.76	6/43.49	8/40.72
POLY-3 PERCENT (g)	7.1%	9.8%	13.8%	19.7%
TERMINAL (d)	1/30 (3%)	4/30 (13%)	2/28 (7%)	4/18 (22%)
FIRST INCIDENCE	369	729 (T)	534	649
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.057	P=0.478	P=0.253	P=0.083
POLY 1.5	P=0.062	P=0.485	P=0.242	P=0.090
POLY 6	P=0.049*	P=0.473	P=0.267	P=0.072
COCH-ARM / FISHERS	P=0.067	P=0.500	P=0.243	P=0.100
MAX-ISO-POLY-3	P=0.072	P=0.329	P=0.157	P=0.046*
HISTCONT SAME RTE	P=0.083	P=0.247	P=0.209	P=0.188
HISTCONT ALL RTES	P=0.024*	P=0.045*	P=0.028*	P=0.022*
CURR VS HC SAME RTE	P=0.281			
CURR VS HC ALL RTES	P=0.021*			

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	2/42.51	0/39.99
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	719	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.702N	(e)	P=0.245	(e)
POLY 1.5	P=0.697N	(e)	P=0.239	(e)
POLY 6	P=0.715N	(e)	P=0.251	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.083	(e)
HISTCONT SAME RTE	P=0.392	(e)	P=0.305	(e)
HISTCONT ALL RTES	P=0.268	(e)	P=0.077	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

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DOSE	Males			
	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%)	4/50 (8%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	3/42.46	4/40.76	8/43.53	8/40.72
POLY-3 PERCENT (g)	7.1%	9.8%	18.4%	19.7%
TERMINAL (d)	1/30 (3%)	4/30 (13%)	3/28 (11%)	4/18 (22%)
FIRST INCIDENCE	369	729 (T)	534	649
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.067	P=0.478	P=0.104	P=0.083
POLY 1.5	P=0.073	P=0.485	P=0.098	P=0.090
POLY 6	P=0.057	P=0.473	P=0.114	P=0.072
COCH-ARM / FISHERS	P=0.080	P=0.500	P=0.100	P=0.100
MAX-ISO-POLY-3	P=0.082	P=0.329	P=0.059	P=0.046*
HISTCONT SAME RTE	P=0.116	P=0.247	P=0.190	P=0.188
HISTCONT ALL RTEs	P=0.034*	P=0.045*	P=0.021*	P=0.022*
CURR VS HC SAME RTE	P=0.281			
CURR VS HC ALL RTEs	P=0.021*			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Cystic Keratinizing Epithelioma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/41.79	0/40.76	2/42.52	0/39.99
POLY-3 PERCENT (g)	2.4%	0%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	477	---	718	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.468N	P=0.505N	P=0.506	P=0.509N
POLY 1.5	P=0.462N	P=0.503N	P=0.500	P=0.504N
POLY 6	P=0.484N	P=0.506N	P=0.513	P=0.518N
COCH-ARM / FISHERS	P=0.459N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.350N	P=0.165N	P=0.287	P=0.169N
HISTCONT SAME RTE	P=0.392	(e)	P=0.305	(e)
HISTCONT ALL RTEs	P=0.390	P=1.000	P=0.137	P=1.000
CURR VS HC SAME RTE	P=0.194			
CURR VS HC ALL RTEs	P=0.401			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	2/41.98	2/40.76	4/43.16	1/40.25
POLY-3 PERCENT (g)	4.8%	4.9%	9.3%	2.5%
TERMINAL (d)	0/30 (0%)	2/30 (7%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	582	729 (T)	576	660
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.391N	P=0.684	P=0.350	P=0.515N
POLY 1.5	P=0.381N	P=0.688	P=0.340	P=0.507N
POLY 6	P=0.414N	P=0.680	P=0.360	P=0.531N
COCH-ARM / FISHERS	P=0.374N	P=0.691N	P=0.339	P=0.500N
MAX-ISO-POLY-3	P=0.367N	P=0.487	P=0.213	P=0.296N
HISTCONT SAME RTE	P=0.730	P=1.000	P=0.449	P=1.000
HISTCONT ALL RTES	P=0.418	P=0.474	P=0.119	P=1.000
CURR VS HC SAME RTE	P=0.753			
CURR VS HC ALL RTES	P=0.657			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland				
Fibroma, Fibroadenoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	14/50 (28%)	15/50 (30%)	12/50 (24%)	5/50 (10%)
POLY-3 RATE (b)	14/44.66	15/43.79	12/44.72	5/41.27
POLY-3 PERCENT (g)	31.4%	34.3%	26.8%	12.1%
TERMINAL (d)	6/30 (20%)	8/30 (27%)	5/28 (18%)	1/18 (6%)
FIRST INCIDENCE	477	486	499	590
HC TUMORS SAME ROUTE	16/49 (33%)			
HC TUMORS ALL ROUTES	54/149 (36%)			
STATISTICAL TESTS				
POLY 3	P=0.010N**	P=0.474	P=0.406N	P=0.027N*
POLY 1.5	P=0.008N**	P=0.484	P=0.418N	P=0.022N*
POLY 6	P=0.016N*	P=0.465	P=0.397N	P=0.037N*
COCH-ARM / FISHERS	P=0.007N**	P=0.500	P=0.410N	P=0.020N*
MAX-ISO-POLY-3	P=0.017N*	P=0.384	P=0.319N	P=0.017N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.691			
CURR VS HC ALL RTES	P=0.296			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	14/50 (28%)	15/50 (30%)	12/50 (24%)	5/50 (10%)
POLY-3 RATE (b)	14/44.66	15/43.79	12/44.72	5/41.27
POLY-3 PERCENT (g)	31.4%	34.3%	26.8%	12.1%
TERMINAL (d)	6/30 (20%)	8/30 (27%)	5/28 (18%)	1/18 (6%)
FIRST INCIDENCE	477	486	499	590
HC TUMORS SAME ROUTE	16/49 (33%)			
HC TUMORS ALL ROUTES	54/149 (36%)			
STATISTICAL TESTS				
POLY 3	P=0.010N**	P=0.474	P=0.406N	P=0.027N*
POLY 1.5	P=0.008N**	P=0.484	P=0.418N	P=0.022N*
POLY 6	P=0.016N*	P=0.465	P=0.397N	P=0.037N*
COCH-ARM / FISHERS	P=0.007N**	P=0.500	P=0.410N	P=0.020N*
MAX-ISO-POLY-3	P=0.017N*	P=0.384	P=0.319N	P=0.017N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.691			
CURR VS HC ALL RTES	P=0.296			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Intermedia Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.07	0/40.76	0/42.47	2/40.73
POLY-3 PERCENT (g)	2.4%	0%	0%	4.9%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	---	---	562
HC TUMORS SAME ROUTE	2/49 (4%)			
HC TUMORS ALL ROUTES	5/149 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.182	P=0.501N	P=0.493N	P=0.497
POLY 1.5	P=0.184	P=0.501N	P=0.498N	P=0.500
POLY 6	P=0.177	P=0.501N	P=0.488N	P=0.489
COCH-ARM / FISHERS	P=0.183	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.137	P=0.160N	P=0.158N	P=0.278
HISTCONT SAME RTE	P=0.333	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.335	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.632			
CURR VS HC ALL RTES	P=0.639			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Prostate Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/41.07	1/40.76	2/42.60	2/40.24
POLY-3 PERCENT (g)	2.4%	2.5%	4.7%	5%
TERMINAL (d)	1/30 (3%)	1/30 (3%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	697	673
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.376	P=0.759	P=0.513	P=0.493
POLY 1.5	P=0.382	P=0.759	P=0.504	P=0.498
POLY 6	P=0.361	P=0.761	P=0.523	P=0.482
COCH-ARM / FISHERS	P=0.384	P=0.753N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.444	P=0.497	P=0.294	P=0.276
HISTCONT SAME RTE	P=0.168	P=1.000	P=0.484	P=0.456
HISTCONT ALL RTEs	P=0.105	P=0.484	P=0.134	P=0.131
CURR VS HC SAME RTE	P=0.746			
CURR VS HC ALL RTEs	P=0.359			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Prostate Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/41.07	2/41.40	2/42.60	2/40.24
POLY-3 PERCENT (g)	2.4%	4.8%	4.7%	5%
TERMINAL (d)	1/30 (3%)	1/30 (3%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	519	697	673
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.484	P=0.503	P=0.513	P=0.493
POLY 1.5	P=0.492	P=0.501	P=0.504	P=0.498
POLY 6	P=0.467	P=0.507	P=0.523	P=0.482
COCH-ARM / FISHERS	P=0.496	P=0.500	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.466	P=0.283	P=0.294	P=0.276
HISTCONT SAME RTE	P=0.133	P=0.469	P=0.484	P=0.456
HISTCONT ALL RTES	P=0.138	P=0.132	P=0.134	P=0.131
CURR VS HC SAME RTE	P=0.746			
CURR VS HC ALL RTES	P=0.359			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/41.49	2/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	2.4%	4.9%	0%	0%
TERMINAL (d)	0/30 (0%)	2/30 (7%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	607	729 (T)	---	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	15/150 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.213N	P=0.494	P=0.495N	P=0.507N
POLY 1.5	P=0.210N	P=0.496	P=0.499N	P=0.503N
POLY 6	P=0.217N	P=0.493	P=0.491N	P=0.516N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.186N	P=0.276	P=0.158N	P=0.168N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.656			
CURR VS HC ALL RTES	P=0.105			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/41.07	0/40.76	2/42.95	0/39.99
POLY-3 PERCENT (g)	4.9%	0%	4.7%	0%
TERMINAL (d)	2/30 (7%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	---	589	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.301N	P=0.238N	P=0.678N	P=0.243N
POLY 1.5	P=0.296N	P=0.238N	P=0.688N	P=0.239N
POLY 6	P=0.313N	P=0.237N	P=0.666N	P=0.251N
COCH-ARM / FISHERS	P=0.295N	P=0.247N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.132N	P=0.077N	P=0.481N	P=0.081N
HISTCONT SAME RTE	P=0.558	P=1.000	P=0.488	P=1.000
HISTCONT ALL RTES	P=0.505	P=1.000	P=0.194	P=1.000
CURR VS HC SAME RTE	P=0.534			
CURR VS HC ALL RTES	P=0.185			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	2/50 (4%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/41.07	0/40.76	2/42.95	1/40.06
POLY-3 PERCENT (g)	4.9%	0%	4.7%	2.5%
TERMINAL (d)	2/30 (7%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	---	589	711
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.612N	P=0.238N	P=0.678N	P=0.509N
POLY 1.5	P=0.606N	P=0.238N	P=0.688N	P=0.503N
POLY 6	P=0.625N	P=0.237N	P=0.666N	P=0.521N
COCH-ARM / FISHERS	P=0.604N	P=0.247N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.428N	P=0.077N	P=0.481N	P=0.290N
HISTCONT SAME RTE	P=0.553	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.405	P=1.000	P=0.358	P=1.000
CURR VS HC SAME RTE	P=0.840			
CURR VS HC ALL RTES	P=0.460			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Testes				
Adenoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	6/41.52	2/40.76	1/42.47	1/39.99
POLY-3 PERCENT (g)	14.5%	4.9%	2.4%	2.5%
TERMINAL (d)	4/30 (13%)	2/30 (7%)	1/28 (4%)	1/18 (6%)
FIRST INCIDENCE	659	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.083N	P=0.137N	P=0.051N	P=0.060N
POLY 1.5	P=0.081N	P=0.136N	P=0.055N	P=0.058N
POLY 6	P=0.087N	P=0.138N	P=0.048N*	P=0.068N
COCH-ARM / FISHERS	P=0.083N	P=0.134N	P=0.056N	P=0.056N
MAX-ISO-POLY-3	P=0.020N*	P=0.072N	P=0.022N*	P=0.028N*
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.755	P=0.474	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.117			
CURR VS HC ALL RTES	P=0.009**			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Thymoma Benign				
TUMOR RATES				
OVERALL (a)	3/41 (7%)	0/35 (0%)	1/47 (2%)	4/45 (9%)
POLY-3 RATE (b)	3/34.20	0/29.01	1/40.07	4/36.48
POLY-3 PERCENT (g)	8.8%	0%	2.5%	11%
TERMINAL (d)	1/25 (4%)	0/21 (0%)	1/27 (4%)	2/16 (13%)
FIRST INCIDENCE	680	---	729 (T)	607
HC TUMORS SAME ROUTE	1/40 (3%)			
HC TUMORS ALL ROUTES	4/138 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.174	P=0.147N	P=0.249N	P=0.536
POLY 1.5	P=0.179	P=0.146N	P=0.256N	P=0.545
POLY 6	P=0.165	P=0.150N	P=0.244N	P=0.512
COCH-ARM / FISHERS	P=0.184	P=0.152N	P=0.258N	P=0.553
MAX-ISO-POLY-3	P=0.166	P=0.057N	P=0.127N	P=0.379
HISTCONT SAME RTE	P=0.129	P=1.000	P=1.000	P=0.256
HISTCONT ALL RTES	P=0.059	P=1.000	P=1.000	P=0.061
CURR VS HC SAME RTE	P=0.278			
CURR VS HC ALL RTES	P=0.149			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Thymoma: Benign, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	3/41 (7%)	1/35 (3%)	1/47 (2%)	4/45 (9%)
POLY-3 RATE (b)	3/34.20	1/29.01	1/40.07	4/36.48
POLY-3 PERCENT (g)	8.8%	3.5%	2.5%	11%
TERMINAL (d)	1/25 (4%)	1/21 (5%)	1/27 (4%)	2/16 (13%)
FIRST INCIDENCE	680	729 (T)	729 (T)	607
HC TUMORS SAME ROUTE	1/40 (3%)			
HC TUMORS ALL ROUTES	4/138 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.264	P=0.365N	P=0.249N	P=0.536
POLY 1.5	P=0.270	P=0.362N	P=0.256N	P=0.545
POLY 6	P=0.251	P=0.369N	P=0.244N	P=0.512
COCH-ARM / FISHERS	P=0.275	P=0.370N	P=0.258N	P=0.553
MAX-ISO-POLY-3	P=0.246	P=0.205N	P=0.127N	P=0.379
HISTCONT SAME RTE	P=0.133	P=1.000	P=1.000	P=0.256
HISTCONT ALL RTEs	P=0.049*	P=1.000	P=1.000	P=0.061
CURR VS HC SAME RTE	P=0.278			
CURR VS HC ALL RTEs	P=0.149			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	5/50 (10%)	9/50 (18%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	5/41.07	9/41.97	5/42.51	5/40.33
POLY-3 PERCENT (g)	12.2%	21.4%	11.8%	12.4%
TERMINAL (d)	5/30 (17%)	7/30 (23%)	4/28 (14%)	3/18 (17%)
FIRST INCIDENCE	729 (T)	499	719	649
HC TUMORS SAME ROUTE	7/50 (14%)			
HC TUMORS ALL ROUTES	16/150 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.358N	P=0.201	P=0.609N	P=0.620
POLY 1.5	P=0.347N	P=0.197	P=0.624N	P=0.627
POLY 6	P=0.384N	P=0.210	P=0.592N	P=0.602
COCH-ARM / FISHERS	P=0.341N	P=0.194	P=0.630N	P=0.630N
MAX-ISO-POLY-3	P=0.440N	P=0.131	P=0.476N	P=0.487
HISTCONT SAME RTE	P=1.000	P=0.284	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.509	P=0.071	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.615			
CURR VS HC ALL RTES	P=0.960			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	10/50 (20%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	6/41.33	10/41.97	5/42.51	5/40.33
POLY-3 PERCENT (g)	14.5%	23.8%	11.8%	12.4%
TERMINAL (d)	5/30 (17%)	8/30 (27%)	4/28 (14%)	3/18 (17%)
FIRST INCIDENCE	659	499	719	649
HC TUMORS SAME ROUTE	7/50 (14%)			
HC TUMORS ALL ROUTES	16/150 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.248N	P=0.210	P=0.480N	P=0.517N
POLY 1.5	P=0.238N	P=0.208	P=0.495N	P=0.506N
POLY 6	P=0.273N	P=0.216	P=0.464N	P=0.543N
COCH-ARM / FISHERS	P=0.234N	P=0.207	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.311N	P=0.141	P=0.355N	P=0.389N
HISTCONT SAME RTE	P=0.748	P=0.242	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.487	P=0.052	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.851			
CURR VS HC ALL RTES	P=0.718			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	1/41.40	2/42.47	0/39.99
POLY-3 PERCENT (g)	0%	2.4%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	---	519	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.517N	P=0.502	P=0.244	(e)
POLY 1.5	P=0.510N	P=0.501	P=0.239	(e)
POLY 6	P=0.533N	P=0.504	P=0.250	(e)
COCH-ARM / FISHERS	P=0.506N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.346	P=0.160	P=0.083	(e)
HISTCONT SAME RTE	P=0.726	P=1.000	P=0.482	(e)
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	(e)
CURR VS HC SAME RTE	P=0.422			
CURR VS HC ALL RTES	P=0.309			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	0/50 (0%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	2/41.55	2/42.47	0/39.99
POLY-3 PERCENT (g)	0%	4.8%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	---	519	729 (T)	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	4/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.380N	P=0.239	P=0.244	(e)
POLY 1.5	P=0.373N	P=0.238	P=0.239	(e)
POLY 6	P=0.395N	P=0.243	P=0.250	(e)
COCH-ARM / FISHERS	P=0.369N	P=0.247	P=0.247	(e)
MAX-ISO-POLY-3	P=0.290	P=0.078	P=0.083	(e)
HISTCONT SAME RTE	P=0.607	P=0.470	P=0.482	(e)
HISTCONT ALL RTES	P=0.763	P=0.488	P=1.000	(e)
CURR VS HC SAME RTE	P=0.422			
CURR VS HC ALL RTES	P=0.309			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/41.79	1/40.76	2/42.52	1/40.00
POLY-3 PERCENT (g)	2.4%	2.5%	4.7%	2.5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	477	729 (T)	718	726
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.650	P=0.755	P=0.506	P=0.751
POLY 1.5	P=0.644N	P=0.757	P=0.500	P=0.756
POLY 6	P=0.630	P=0.755	P=0.513	P=0.741
COCH-ARM / FISHERS	P=0.639N	P=0.753N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.590	P=0.492	P=0.287	P=0.487
HISTCONT SAME RTE	P=0.172	P=0.484	P=0.305	P=0.481
HISTCONT ALL RTES	P=0.182	P=0.483	P=0.137	P=0.477
CURR VS HC SAME RTE	P=0.194			
CURR VS HC ALL RTES	P=0.401			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	4/50 (8%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	3/42.85	4/40.91	4/43.16	3/41.48
POLY-3 PERCENT (g)	7%	9.8%	9.3%	7.2%
TERMINAL (d)	0/30 (0%)	3/30 (10%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	369	691	576	459
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	6/150 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.522N	P=0.475	P=0.504	P=0.648
POLY 1.5	P=0.514N	P=0.484	P=0.496	P=0.655
POLY 6	P=0.543N	P=0.468	P=0.514	P=0.632
COCH-ARM / FISHERS	P=0.511N	P=0.500	P=0.500	P=0.661N
MAX-ISO-POLY-3	P=0.606	P=0.327	P=0.350	P=0.483
HISTCONT SAME RTE	P=0.284	P=0.401	P=0.449	P=1.000
HISTCONT ALL RTES	P=0.297	P=0.196	P=0.213	P=0.391
CURR VS HC SAME RTE	P=0.876			
CURR VS HC ALL RTES	P=0.598			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	4/50 (8%)	5/50 (10%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	4/43.57	5/40.91	6/43.21	4/41.49
POLY-3 PERCENT (g)	9.2%	12.2%	13.9%	9.6%
TERMINAL (d)	0/30 (0%)	4/30 (13%)	3/28 (11%)	0/18 (0%)
FIRST INCIDENCE	369	691	576	459
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.523N	P=0.460	P=0.363	P=0.617
POLY 1.5	P=0.511N	P=0.475	P=0.358	P=0.629
POLY 6	P=0.551N	P=0.448	P=0.371	P=0.594
COCH-ARM / FISHERS	P=0.502N	P=0.500	P=0.370	P=0.643N
MAX-ISO-POLY-3	P=0.549	P=0.331	P=0.248	P=0.471
HISTCONT SAME RTE	P=0.210	P=0.282	P=0.248	P=0.412
HISTCONT ALL RTES	P=0.243	P=0.156	P=0.104	P=0.277
CURR VS HC SAME RTE	P=0.668			
CURR VS HC ALL RTES	P=0.451			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	2/42.57	0/39.99
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	705	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.702N	(e)	P=0.245	(e)
POLY 1.5	P=0.697N	(e)	P=0.239	(e)
POLY 6	P=0.715N	(e)	P=0.251	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.267	(e)	P=0.083	(e)
HISTCONT SAME RTE	P=0.557	(e)	P=0.484	(e)
HISTCONT ALL RTES	P=0.503	(e)	P=0.192	(e)
CURR VS HC SAME RTE	P=0.418			
CURR VS HC ALL RTES	P=0.329			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Osteosarcoma or Osteoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	2/42.57	0/39.99
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	705	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	3/150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.702N	(e)	P=0.245	(e)
POLY 1.5	P=0.697N	(e)	P=0.239	(e)
POLY 6	P=0.715N	(e)	P=0.251	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.267	(e)	P=0.083	(e)
HISTCONT SAME RTE	P=0.557	(e)	P=0.484	(e)
HISTCONT ALL RTES	P=0.661	(e)	P=0.352	(e)
CURR VS HC SAME RTE	P=0.418			
CURR VS HC ALL RTES	P=0.301			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	34/50 (68%)	31/50 (62%)	32/50 (64%)	26/50 (52%)
POLY-3 RATE (b)	34/46.93	31/45.11	32/47.31	26/43.66
POLY-3 PERCENT (g)	72.4%	68.7%	67.6%	59.6%
TERMINAL (d)	20/30 (67%)	22/30 (73%)	16/28 (57%)	10/18 (56%)
FIRST INCIDENCE	369	486	499	562
HC TUMORS SAME ROUTE	32/50 (64%)			
HC TUMORS ALL ROUTES	88/150 (59%)			
STATISTICAL TESTS				
POLY 3	P=0.115N	P=0.433N	P=0.387N	P=0.131N
POLY 1.5	P=0.090N	P=0.392N	P=0.430N	P=0.101N
POLY 6	P=0.163N	P=0.492N	P=0.340N	P=0.189N
COCH-ARM / FISHERS	P=0.070N	P=0.338N	P=0.417N	P=0.076N
MAX-ISO-POLY-3	P=0.158N	P=0.345N	P=0.303N	P=0.095N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.623	P=0.237	P=0.290	P=1.000
CURR VS HC SAME RTE	P=0.592			
CURR VS HC ALL RTES	P=0.249			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	6/50 (12%)	8/50 (16%)	17/50 (34%)	14/50 (28%)
POLY-3 RATE (b)	6/43.79	8/42.88	17/45.48	14/42.95
POLY-3 PERCENT (g)	13.7%	18.7%	37.4%	32.6%
TERMINAL (d)	0/30 (0%)	4/30 (13%)	6/28 (21%)	7/18 (39%)
FIRST INCIDENCE	369	339	159	409
HC TUMORS SAME ROUTE	13/50 (26%)			
HC TUMORS ALL ROUTES	33/150 (22%)			
STATISTICAL TESTS				
POLY 3	P=0.033*	P=0.369	P=0.008**	P=0.030*
POLY 1.5	P=0.037*	P=0.377	P=0.007**	P=0.034*
POLY 6	P=0.024*	P=0.361	P=0.010**	P=0.023*
COCH-ARM / FISHERS	P=0.043*	P=0.387	P=0.008**	P=0.039*
MAX-ISO-POLY-3	P=0.017*	P=0.268	P=0.005**	P=0.017*
HISTCONT SAME RTE	P=0.259	P=1.000	P=0.224	P=0.315
HISTCONT ALL RTES	P=0.151	P=1.000	P=0.052	P=0.109
CURR VS HC SAME RTE	P=0.088			
CURR VS HC ALL RTES	P=0.133			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	36/50 (72%)	34/50 (68%)	40/50 (80%)	35/50 (70%)
POLY-3 RATE (b)	36/47.69	34/47.05	40/49.65	35/47.11
POLY-3 PERCENT (g)	75.5%	72.3%	80.6%	74.3%
TERMINAL (d)	20/30 (67%)	22/30 (73%)	20/28 (71%)	12/18 (67%)
FIRST INCIDENCE	369	339	113	409
HC TUMORS SAME ROUTE	37/50 (74%)			
HC TUMORS ALL ROUTES	107/150 (71%)			
STATISTICAL TESTS				
POLY 3	P=0.554N	P=0.449N	P=0.358	P=0.542N
POLY 1.5	P=0.531N	P=0.426N	P=0.313	P=0.514N
POLY 6	P=0.520	P=0.498N	P=0.396	P=0.598
COCH-ARM / FISHERS	P=0.518N	P=0.414N	P=0.241	P=0.500N
MAX-ISO-POLY-3	P=0.535	P=0.356N	P=0.274	P=0.444N
HISTCONT SAME RTE	P=0.373	P=1.000	P=0.268	P=1.000
HISTCONT ALL RTES	P=0.221	P=1.000	P=0.056	P=0.469
CURR VS HC SAME RTE	P=0.977			
CURR VS HC ALL RTES	P=0.672			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	1/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	3/150 (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 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	0/49 (0%)	2/49 (4%)	2/49 (4%)	6/50 (12%)
POLY-3 RATE (b)	0/45.10	2/44.69	2/41.83	6/39.51
POLY-3 PERCENT (g)	0%	4.5%	4.8%	15.2%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	1/27 (4%)	4/20 (20%)
FIRST INCIDENCE	---	719	698	705
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	4/148 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.235	P=0.221	P=0.009**
POLY 1.5	P=0.005**	P=0.237	P=0.229	P=0.012*
POLY 6	P=0.003**	P=0.232	P=0.209	P=0.007**
COCH-ARM / FISHERS	P=0.008**	P=0.247	P=0.247	P=0.014*
MAX-ISO-POLY-3	P=0.005**	P=0.076	P=0.076	P=0.004**
HISTCONT SAME RTE	P=0.108	P=1.000	P=0.470	P=0.206
HISTCONT ALL RTES	P=0.024*	P=1.000	P=0.488	P=0.037*
CURR VS HC SAME RTE	P=0.211			
CURR VS HC ALL RTES	P=0.145			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	2/49 (4%)	2/49 (4%)	7/50 (14%)
POLY-3 RATE (b)	0/45.10	2/44.69	2/41.83	7/39.90
POLY-3 PERCENT (g)	0%	4.5%	4.8%	17.6%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	1/27 (4%)	4/20 (20%)
FIRST INCIDENCE	---	719	698	621
HC TUMORS SAME ROUTE	2/49 (4%)			
HC TUMORS ALL ROUTES	5/148 (3%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.235	P=0.221	P=0.004**
POLY 1.5	P<0.001**	P=0.237	P=0.229	P=0.006**
POLY 6	P<0.001**	P=0.232	P=0.209	P=0.003**
COCH-ARM / FISHERS	P=0.002**	P=0.247	P=0.247	P=0.007**
MAX-ISO-POLY-3	P=0.002**	P=0.076	P=0.076	P=0.002**
HISTCONT SAME RTE	P=0.115	P=1.000	P=1.000	P=0.205
HISTCONT ALL RTES	P=0.023*	P=1.000	P=1.000	P=0.033*
CURR VS HC SAME RTE	P=0.100			
CURR VS HC ALL RTES	P=0.114			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	1/149 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/49 (2%)			
HC TUMORS ALL ROUTES	1/149 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.10	2/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	2.2%	4.4%	0%	0%
TERMINAL (d)	1/39 (3%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.225N	P=0.497	P=0.515N	P=0.531N
POLY 1.5	P=0.217N	P=0.499	P=0.508N	P=0.517N
POLY 6	P=0.238N	P=0.492	P=0.527N	P=0.551N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.236N	P=0.279	P=0.177N	P=0.197N
HISTCONT SAME RTE	P=0.514	P=0.309	(e)	(e)
HISTCONT ALL RTEs	P=0.770	P=0.212	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.378			
CURR VS HC ALL RTEs	P=0.826			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	0/50 (0%)	2/50 (4%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	0/46.10	2/45.65	6/43.59	5/40.42
POLY-3 PERCENT (g)	0%	4.4%	13.8%	12.4%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	4/28 (14%)	2/20 (10%)
FIRST INCIDENCE	---	730 (T)	534	534
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.029*	P=0.235	P=0.012*	P=0.021*
POLY 1.5	P=0.039*	P=0.237	P=0.014*	P=0.025*
POLY 6	P=0.020*	P=0.232	P=0.010**	P=0.016*
COCH-ARM / FISHERS	P=0.055	P=0.247	P=0.013*	P=0.028*
MAX-ISO-POLY-3	P=0.023*	P=0.076	P=0.004**	P=0.009**
HISTCONT SAME RTE	P=0.152	P=0.309	P=0.196	P=0.205
HISTCONT ALL RTEs	P=0.049*	P=0.076	P=0.024*	P=0.030*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=1.000			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	0/50 (0%)	2/50 (4%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	0/46.10	2/45.65	6/43.59	5/40.42
POLY-3 PERCENT (g)	0%	4.4%	13.8%	12.4%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	4/28 (14%)	2/20 (10%)
FIRST INCIDENCE	---	730 (T)	534	534
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.029*	P=0.235	P=0.012*	P=0.021*
POLY 1.5	P=0.039*	P=0.237	P=0.014*	P=0.025*
POLY 6	P=0.020*	P=0.232	P=0.010**	P=0.016*
COCH-ARM / FISHERS	P=0.055	P=0.247	P=0.013*	P=0.028*
MAX-ISO-POLY-3	P=0.023*	P=0.076	P=0.004**	P=0.009**
HISTCONT SAME RTE	P=0.152	P=0.309	P=0.196	P=0.205
HISTCONT ALL RTEs	P=0.049*	P=0.076	P=0.024*	P=0.030*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=1.000			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Cystic Keratinizing Epithelioma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/40.31
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	554
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.034*	(e)	(e)	P=0.209
POLY 1.5	P=0.037*	(e)	(e)	P=0.221
POLY 6	P=0.031*	(e)	(e)	P=0.192
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=0.144	(e)	(e)	P=0.299
HISTCONT ALL RTES	P=0.044*	(e)	(e)	P=0.079
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	0/45.65	1/43.37	1/40.04
POLY-3 PERCENT (g)	0%	0%	2.3%	2.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	505	498
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	3/150 (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 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	2/46.12	2/42.79	1/39.75
POLY-3 PERCENT (g)	0%	4.3%	4.7%	2.5%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	---	589	709	618
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	8/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.558	P=0.237	P=0.221	P=0.471
POLY 1.5	P=0.591	P=0.238	P=0.229	P=0.484
POLY 6	P=0.513	P=0.236	P=0.209	P=0.452
COCH-ARM / FISHERS	P=0.631	P=0.247	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.263	P=0.076	P=0.076	P=0.158
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.107			
CURR VS HC ALL RTES	P=0.057			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	1/50 (2%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	5/46.50	1/45.65	4/43.07	2/39.79
POLY-3 PERCENT (g)	10.8%	2.2%	9.3%	5%
TERMINAL (d)	3/39 (8%)	1/38 (3%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	635	730 (T)	654	618
HC TUMORS SAME ROUTE	4/50 (8%)			
HC TUMORS ALL ROUTES	11/150 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.429N	P=0.106N	P=0.548N	P=0.284N
POLY 1.5	P=0.396N	P=0.103N	P=0.525N	P=0.253N
POLY 6	P=0.475N	P=0.110N	P=0.584N	P=0.331N
COCH-ARM / FISHERS	P=0.353N	P=0.102N	P=0.500N	P=0.218N
MAX-ISO-POLY-3	P=0.273N	P=0.048N*	P=0.411N	P=0.185N
HISTCONT SAME RTE	P=0.581	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.744	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.795			
CURR VS HC ALL RTES	P=0.686			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	3/50 (6%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	5/46.50	3/46.12	5/43.15	2/39.79
POLY-3 PERCENT (g)	10.8%	6.5%	11.6%	5%
TERMINAL (d)	3/39 (8%)	2/38 (5%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	635	589	654	618
HC TUMORS SAME ROUTE	6/50 (12%)			
HC TUMORS ALL ROUTES	18/150 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.316N	P=0.361N	P=0.583	P=0.284N
POLY 1.5	P=0.279N	P=0.358N	P=0.606	P=0.253N
POLY 6	P=0.370N	P=0.368N	P=0.546	P=0.331N
COCH-ARM / FISHERS	P=0.233N	P=0.357N	P=0.630N	P=0.218N
MAX-ISO-POLY-3	P=0.314N	P=0.236N	P=0.451	P=0.185N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.719			
CURR VS HC ALL RTES	P=0.579			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	4/50 (8%)	8/50 (16%)	4/50 (8%)
POLY-3 RATE (b)	7/46.99	4/46.12	8/44.29	4/41.11
POLY-3 PERCENT (g)	14.9%	8.7%	18.1%	9.7%
TERMINAL (d)	5/39 (13%)	3/38 (8%)	5/28 (18%)	0/20 (0%)
FIRST INCIDENCE	561	589	505	498
HC TUMORS SAME ROUTE	9/50 (18%)			
HC TUMORS ALL ROUTES	28/150 (19%)			
STATISTICAL TESTS				
POLY 3	P=0.421N	P=0.272N	P=0.450	P=0.342N
POLY 1.5	P=0.376N	P=0.266N	P=0.476	P=0.305N
POLY 6	P=0.486N	P=0.282N	P=0.409	P=0.399N
COCH-ARM / FISHERS	P=0.320N	P=0.262N	P=0.500	P=0.262N
MAX-ISO-POLY-3	P=0.406N	P=0.179N	P=0.346	P=0.248N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.536			
CURR VS HC ALL RTES	P=0.287			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Fibroma, Fibroadenoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	6/50 (12%)	10/50 (20%)	5/50 (10%)
POLY-3 RATE (b)	7/46.99	6/46.80	10/44.38	5/41.50
POLY-3 PERCENT (g)	14.9%	12.8%	22.5%	12.1%
TERMINAL (d)	5/39 (13%)	3/38 (8%)	6/28 (21%)	0/20 (0%)
FIRST INCIDENCE	561	589	505	498
HC TUMORS SAME ROUTE	11/50 (22%)			
HC TUMORS ALL ROUTES	34/150 (23%)			
STATISTICAL TESTS				
POLY 3	P=0.462N	P=0.503N	P=0.252	P=0.469N
POLY 1.5	P=0.409N	P=0.500N	P=0.275	P=0.428N
POLY 6	P=0.535N	P=0.510N	P=0.218	P=0.526N
COCH-ARM / FISHERS	P=0.343N	P=0.500N	P=0.298	P=0.380N
MAX-ISO-POLY-3	P=0.465N	P=0.385N	P=0.181	P=0.356N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.270			
CURR VS HC ALL RTES	P=0.074			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	10/50 (20%)	7/50 (14%)	12/50 (24%)	6/50 (12%)
POLY-3 RATE (b)	10/47.05	7/46.80	12/44.74	6/41.55
POLY-3 PERCENT (g)	21.3%	15%	26.8%	14.4%
TERMINAL (d)	7/39 (18%)	4/38 (11%)	6/28 (21%)	0/20 (0%)
FIRST INCIDENCE	561	589	505	498
HC TUMORS SAME ROUTE	13/50 (26%)			
HC TUMORS ALL ROUTES	40/150 (27%)			
STATISTICAL TESTS				
POLY 3	P=0.353N	P=0.301N	P=0.352	P=0.290N
POLY 1.5	P=0.300N	P=0.297N	P=0.379	P=0.251N
POLY 6	P=0.431N	P=0.308N	P=0.311	P=0.351N
COCH-ARM / FISHERS	P=0.237N	P=0.298N	P=0.405	P=0.207N
MAX-ISO-POLY-3	P=0.366N	P=0.216N	P=0.272	P=0.218N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.426			
CURR VS HC ALL RTES	P=0.178			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Adenoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.10	0/45.12	0/42.70	1/39.75
POLY-3 PERCENT (g)	4.3%	0%	0%	2.5%
TERMINAL (d)	2/39 (5%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	618
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.676N	P=0.242N	P=0.255N	P=0.551N
POLY 1.5	P=0.671N	P=0.241N	P=0.246N	P=0.529N
POLY 6	P=0.677	P=0.244N	P=0.269N	P=0.583N
COCH-ARM / FISHERS	P=0.664N	P=0.253N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.200N	P=0.080N	P=0.093N	P=0.336N
HISTCONT SAME RTE	P=0.149	(e)	(e)	P=0.475
HISTCONT ALL RTES	P=0.047*	(e)	(e)	P=0.237
CURR VS HC SAME RTE	P=0.158			
CURR VS HC ALL RTES	P=0.021*			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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%)	0/49 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/46.10	0/45.12	0/42.70	3/39.35
POLY-3 PERCENT (g)	2.2%	0%	0%	7.6%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	3/20 (15%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.043*	P=0.504N	P=0.515N	P=0.251
POLY 1.5	P=0.047*	P=0.504N	P=0.508N	P=0.275
POLY 6	P=0.038*	P=0.506N	P=0.527N	P=0.220
COCH-ARM / FISHERS	P=0.054	P=0.505N	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.042*	P=0.163N	P=0.177N	P=0.136
HISTCONT SAME RTE	P=0.145	(e)	(e)	P=0.246
HISTCONT ALL RTES	P=0.034*	(e)	(e)	P=0.050*
CURR VS HC SAME RTE	P=0.375			
CURR VS HC ALL RTES	P=0.102			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Granulosa Cell Tumor Benign				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	2/45.12	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	1/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.375N	P=0.232	(e)	(e)
POLY 1.5	P=0.366N	P=0.233	(e)	(e)
POLY 6	P=0.390N	P=0.230	(e)	(e)
COCH-ARM / FISHERS	P=0.357N	P=0.242	(e)	(e)
MAX-ISO-POLY-3	P=0.312N	P=0.075	(e)	(e)
HISTCONT SAME RTE	P=1.000	P=1.000	(e)	(e)
HISTCONT ALL RTES	P=0.605	P=0.135	(e)	(e)
CURR VS HC SAME RTE	P=0.209			
CURR VS HC ALL RTES	P=0.322			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Granulosa Cell Tumor: Benign, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	2/45.12	0/42.70	1/40.16
POLY-3 PERCENT (g)	0%	4.4%	0%	2.5%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	---	423
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	2/150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.598	P=0.232	(e)	P=0.473
POLY 1.5	P=0.615	P=0.233	(e)	P=0.485
POLY 6	P=0.571	P=0.230	(e)	P=0.454
COCH-ARM / FISHERS	P=0.635	P=0.242	(e)	P=0.500
MAX-ISO-POLY-3	P=0.335	P=0.075	(e)	P=0.158
HISTCONT SAME RTE	P=0.702	P=1.000	(e)	P=1.000
HISTCONT ALL RTEs	P=0.549	P=0.201	(e)	P=1.000
CURR VS HC SAME RTE	P=0.209			
CURR VS HC ALL RTEs	P=0.250			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Tubulostromal Adenoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/46.88	0/45.12	1/42.77	0/39.35
POLY-3 PERCENT (g)	4.3%	0%	2.3%	0%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	443	---	714	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.309N	P=0.246N	P=0.532N	P=0.278N
POLY 1.5	P=0.296N	P=0.244N	P=0.517N	P=0.260N
POLY 6	P=0.326N	P=0.249N	P=0.553N	P=0.305N
COCH-ARM / FISHERS	P=0.280N	P=0.253N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.137N	P=0.083N	P=0.315N	P=0.115N
HISTCONT SAME RTE	P=0.405	(e)	P=0.487	(e)
HISTCONT ALL RTEs	P=0.281	(e)	P=0.240	(e)
CURR VS HC SAME RTE	P=0.176			
CURR VS HC ALL RTEs	P=0.021*			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	19/50 (38%)	22/50 (44%)	19/50 (38%)	12/50 (24%)
POLY-3 RATE (b)	19/48.34	22/48.41	19/45.33	12/43.03
POLY-3 PERCENT (g)	39.3%	45.5%	41.9%	27.9%
TERMINAL (d)	12/39 (31%)	13/38 (34%)	10/28 (36%)	4/20 (20%)
FIRST INCIDENCE	443	513	534	423
HC TUMORS SAME ROUTE	35/50 (70%)			
HC TUMORS ALL ROUTES	88/150 (59%)			
STATISTICAL TESTS				
POLY 3	P=0.077N	P=0.343	P=0.482	P=0.175N
POLY 1.5	P=0.050N*	P=0.346	P=0.528	P=0.134N
POLY 6	P=0.138N	P=0.338	P=0.415	P=0.253N
COCH-ARM / FISHERS	P=0.030N*	P=0.342	P=0.582N	P=0.097N
MAX-ISO-POLY-3	P=0.125N	P=0.272	P=0.399	P=0.136N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P<0.001**			
CURR VS HC ALL RTES	P=0.049*			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	20/50 (40%)	22/50 (44%)	19/50 (38%)	12/50 (24%)
POLY-3 RATE (b)	20/48.46	22/48.41	19/45.33	12/43.03
POLY-3 PERCENT (g)	41.3%	45.5%	41.9%	27.9%
TERMINAL (d)	12/39 (31%)	13/38 (34%)	10/28 (36%)	4/20 (20%)
FIRST INCIDENCE	443	513	534	423
HC TUMORS SAME ROUTE	35/50 (70%)			
HC TUMORS ALL ROUTES	88/150 (59%)			
STATISTICAL TESTS				
POLY 3	P=0.061N	P=0.418	P=0.558	P=0.129N
POLY 1.5	P=0.039N*	P=0.422	P=0.558N	P=0.095N
POLY 6	P=0.114N	P=0.409	P=0.488	P=0.199N
COCH-ARM / FISHERS	P=0.022N*	P=0.420	P=0.500N	P=0.066N
MAX-ISO-POLY-3	P=0.099N	P=0.339	P=0.475	P=0.100N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.002**			
CURR VS HC ALL RTES	P=0.071			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Intermedia Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
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 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	1/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/39 (5%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.260N	P=0.239N	P=0.255N	P=0.274N
POLY 1.5	P=0.259N	P=0.238N	P=0.246N	P=0.257N
POLY 6	P=0.261N	P=0.242N	P=0.269N	P=0.299N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.069N	P=0.078N	P=0.093N	P=0.111N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.148			
CURR VS HC ALL RTES	P=0.017*			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/39 (5%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.260N	P=0.239N	P=0.255N	P=0.274N
POLY 1.5	P=0.259N	P=0.238N	P=0.246N	P=0.257N
POLY 6	P=0.261N	P=0.242N	P=0.269N	P=0.299N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.069N	P=0.078N	P=0.093N	P=0.111N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.148			
CURR VS HC ALL RTES	P=0.017*			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Thymoma Benign				
TUMOR RATES				
OVERALL (a)	6/46 (13%)	6/41 (15%)	6/37 (16%)	8/48 (17%)
POLY-3 RATE (b)	6/42.44	6/37.07	6/31.32	8/37.85
POLY-3 PERCENT (g)	14.1%	16.2%	19.2%	21.1%
TERMINAL (d)	6/36 (17%)	6/32 (19%)	5/20 (25%)	3/19 (16%)
FIRST INCIDENCE	730 (T)	730 (T)	534	691
HC TUMORS SAME ROUTE	5/48 (10%)			
HC TUMORS ALL ROUTES	9/147 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.263	P=0.523	P=0.399	P=0.298
POLY 1.5	P=0.318	P=0.532	P=0.430	P=0.351
POLY 6	P=0.197	P=0.510	P=0.353	P=0.233
COCH-ARM / FISHERS	P=0.394	P=0.537	P=0.459	P=0.420
MAX-ISO-POLY-3	P=0.362	P=0.402	P=0.300	P=0.221
HISTCONT SAME RTE	P=0.109	P=0.315	P=0.261	P=0.229
HISTCONT ALL RTES	P=0.069	P=0.093	P=0.072	P=0.054
CURR VS HC SAME RTE	P=0.713			
CURR VS HC ALL RTES	P=0.173			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Thymoma: Benign, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	6/46 (13%)	6/41 (15%)	6/37 (16%)	8/48 (17%)
POLY-3 RATE (b)	6/42.44	6/37.07	6/31.32	8/37.85
POLY-3 PERCENT (g)	14.1%	16.2%	19.2%	21.1%
TERMINAL (d)	6/36 (17%)	6/32 (19%)	5/20 (25%)	3/19 (16%)
FIRST INCIDENCE	730 (T)	730 (T)	534	691
HC TUMORS SAME ROUTE	5/48 (10%)			
HC TUMORS ALL ROUTES	9/147 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.263	P=0.523	P=0.399	P=0.298
POLY 1.5	P=0.318	P=0.532	P=0.430	P=0.351
POLY 6	P=0.197	P=0.510	P=0.353	P=0.233
COCH-ARM / FISHERS	P=0.394	P=0.537	P=0.459	P=0.420
MAX-ISO-POLY-3	P=0.362	P=0.402	P=0.300	P=0.221
HISTCONT SAME RTE	P=0.109	P=0.315	P=0.261	P=0.229
HISTCONT ALL RTES	P=0.069	P=0.093	P=0.072	P=0.054
CURR VS HC SAME RTE	P=0.713			
CURR VS HC ALL RTES	P=0.173			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	4/50 (8%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	4/46.10	4/46.26	5/43.37	2/39.40
POLY-3 PERCENT (g)	8.7%	8.7%	11.5%	5.1%
TERMINAL (d)	4/39 (10%)	2/38 (5%)	3/28 (11%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	610	562	719
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	13/150 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.342N	P=0.641N	P=0.462	P=0.412N
POLY 1.5	P=0.301N	P=0.640N	P=0.481	P=0.378N
POLY 6	P=0.404N	P=0.643	P=0.431	P=0.461N
COCH-ARM / FISHERS	P=0.250N	P=0.643N	P=0.500	P=0.339N
MAX-ISO-POLY-3	P=0.405N	P=0.497N	P=0.332	P=0.275N
HISTCONT SAME RTE	P=0.518	P=1.000	P=0.293	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.750			
CURR VS HC ALL RTES	P=0.797			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
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 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	5/50 (10%)	4/50 (8%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	5/46.10	4/46.26	5/43.37	2/39.40
POLY-3 PERCENT (g)	10.9%	8.7%	11.5%	5.1%
TERMINAL (d)	5/39 (13%)	2/38 (5%)	3/28 (11%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	610	562	719
HC TUMORS SAME ROUTE	3/50 (6%)			
HC TUMORS ALL ROUTES	14/150 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.268N	P=0.498N	P=0.592	P=0.284N
POLY 1.5	P=0.231N	P=0.497N	P=0.611	P=0.253N
POLY 6	P=0.324N	P=0.500N	P=0.560	P=0.332N
COCH-ARM / FISHERS	P=0.187N	P=0.500N	P=0.630N	P=0.218N
MAX-ISO-POLY-3	P=0.327N	P=0.361N	P=0.460	P=0.186N
HISTCONT SAME RTE	P=0.518	P=1.000	P=0.293	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.494			
CURR VS HC ALL RTES	P=0.998			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
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P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/46.41	0/45.65	2/42.70	2/39.41
POLY-3 PERCENT (g)	2.2%	0%	4.7%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	645	---	730 (T)	719
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	5/150 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.209	P=0.503N	P=0.471	P=0.443
POLY 1.5	P=0.232	P=0.501N	P=0.485	P=0.469
POLY 6	P=0.181	P=0.507N	P=0.449	P=0.408
COCH-ARM / FISHERS	P=0.263	P=0.500N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.256	P=0.163N	P=0.265	P=0.251
HISTCONT SAME RTE	P=0.229	P=1.000	P=0.469	P=0.433
HISTCONT ALL RTEs	P=0.421	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.777			
CURR VS HC ALL RTEs	P=0.588			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
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 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	2/50 (4%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/46.41	0/45.65	3/42.70	2/39.41
POLY-3 PERCENT (g)	4.3%	0%	7%	5.1%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	3/28 (11%)	0/20 (0%)
FIRST INCIDENCE	645	---	730 (T)	719
HC TUMORS SAME ROUTE	2/50 (4%)			
HC TUMORS ALL ROUTES	6/150 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.354	P=0.241N	P=0.462	P=0.634
POLY 1.5	P=0.388	P=0.239N	P=0.481	P=0.661
POLY 6	P=0.310	P=0.245N	P=0.433	P=0.593
COCH-ARM / FISHERS	P=0.434	P=0.247N	P=0.500	P=0.691N
MAX-ISO-POLY-3	P=0.326	P=0.080N	P=0.298	P=0.437
HISTCONT SAME RTE	P=0.331	P=1.000	P=0.452	P=1.000
HISTCONT ALL RTES	P=0.390	P=1.000	P=0.348	P=1.000
CURR VS HC SAME RTE	P=0.870			
CURR VS HC ALL RTES	P=0.911			

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	3/46.10	0/45.65	0/42.70	3/39.37
POLY-3 PERCENT (g)	6.5%	0%	0%	7.6%
TERMINAL (d)	3/39 (8%)	0/38 (0%)	0/28 (0%)	2/20 (10%)
FIRST INCIDENCE	730 (T)	---	---	726
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	7/150 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.243	P=0.120N	P=0.133N	P=0.587
POLY 1.5	P=0.257	P=0.119N	P=0.126N	P=0.622
POLY 6	P=0.226	P=0.123N	P=0.145N	P=0.538
COCH-ARM / FISHERS	P=0.278	P=0.121N	P=0.121N	P=0.661N
MAX-ISO-POLY-3	P=0.170	P=0.039N*	P=0.050N*	P=0.425
HISTCONT SAME RTE	P=0.166	P=1.000	P=1.000	P=0.289
HISTCONT ALL RTES	P=0.306	P=1.000	P=1.000	P=0.418
CURR VS HC SAME RTE	P=0.373			
CURR VS HC ALL RTES	P=0.773			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
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 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	9/50 (18%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/46.65	9/45.83	2/43.15	4/39.60
POLY-3 PERCENT (g)	4.3%	19.6%	4.6%	10.1%
TERMINAL (d)	1/39 (3%)	7/38 (18%)	1/28 (4%)	2/20 (10%)
FIRST INCIDENCE	561	705	599	691
HC TUMORS SAME ROUTE	5/50 (10%)			
HC TUMORS ALL ROUTES	10/150 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.534N	P=0.023*	P=0.666	P=0.265
POLY 1.5	P=0.490N	P=0.024*	P=0.679	P=0.296
POLY 6	P=0.571	P=0.021*	P=0.644	P=0.226
COCH-ARM / FISHERS	P=0.436N	P=0.026*	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.232	P=0.011*	P=0.468	P=0.166
HISTCONT SAME RTE	P=0.720	P=0.230	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.495	P=0.040*	P=1.000	P=0.402
CURR VS HC SAME RTE	P=0.223			
CURR VS HC ALL RTES	P=0.411			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Sarcoma Stromal or Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	9/50 (18%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	3/46.65	9/45.83	2/43.15	4/39.60
POLY-3 PERCENT (g)	6.4%	19.6%	4.6%	10.1%
TERMINAL (d)	2/39 (5%)	7/38 (18%)	1/28 (4%)	2/20 (10%)
FIRST INCIDENCE	561	705	599	691
HC TUMORS SAME ROUTE	6/50 (12%)			
HC TUMORS ALL ROUTES	12/150 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.446N	P=0.055	P=0.535N	P=0.412
POLY 1.5	P=0.404N	P=0.058	P=0.518N	P=0.451
POLY 6	P=0.506N	P=0.051	P=0.562N	P=0.360
COCH-ARM / FISHERS	P=0.353N	P=0.061	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.342N	P=0.029*	P=0.361N	P=0.285
HISTCONT SAME RTE	P=1.000	P=0.256	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.603	P=0.060	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.286			
CURR VS HC ALL RTES	P=0.558			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	0/45.65	1/43.37	1/40.04
POLY-3 PERCENT (g)	0%	0%	2.3%	2.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	505	498
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	5/150 (3%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/46.10	0/45.65	1/43.37	1/40.04
POLY-3 PERCENT (g)	2.2%	0%	2.3%	2.5%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	505	498
HC TUMORS SAME ROUTE	1/50 (2%)			
HC TUMORS ALL ROUTES	5/150 (3%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
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 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
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 Lab: BNW

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

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
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 Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Osteosarcoma or Osteoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/50 (0%)			
HC TUMORS ALL ROUTES	0/150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	33/50 (66%)	39/50 (78%)	35/50 (70%)	33/50 (66%)
POLY-3 RATE (b)	33/48.89	39/49.36	35/47.94	33/45.87
POLY-3 PERCENT (g)	67.5%	79%	73%	71.9%
TERMINAL (d)	25/39 (64%)	28/38 (74%)	19/28 (68%)	14/20 (70%)
FIRST INCIDENCE	443	513	505	423
HC TUMORS SAME ROUTE	42/50 (84%)			
HC TUMORS ALL ROUTES	118/150 (79%)			
STATISTICAL TESTS				
POLY 3	P=0.527N	P=0.143	P=0.354	P=0.401
POLY 1.5	P=0.417N	P=0.140	P=0.385	P=0.489
POLY 6	P=0.427	P=0.145	P=0.310	P=0.279
COCH-ARM / FISHERS	P=0.300N	P=0.133	P=0.415	P=0.583N
MAX-ISO-POLY-3	P=0.356	P=0.098	P=0.277	P=0.321
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.019*			
CURR VS HC ALL RTES	P=0.015*			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	17/50 (34%)	6/50 (12%)	9/50 (18%)	10/50 (20%)
POLY-3 RATE (b)	17/46.93	6/46.29	9/44.11	10/41.57
POLY-3 PERCENT (g)	36.2%	13%	20.4%	24.1%
TERMINAL (d)	13/39 (33%)	5/38 (13%)	4/28 (14%)	4/20 (20%)
FIRST INCIDENCE	635	519	478	423
HC TUMORS SAME ROUTE	11/50 (22%)			
HC TUMORS ALL ROUTES	37/150 (25%)			
STATISTICAL TESTS				
POLY 3	P=0.437N	P=0.007N**	P=0.073N	P=0.155N
POLY 1.5	P=0.388N	P=0.007N**	P=0.062N	P=0.119N
POLY 6	P=0.508N	P=0.008N**	P=0.096N	P=0.221N
COCH-ARM / FISHERS	P=0.329N	P=0.008N**	P=0.055N	P=0.088N
MAX-ISO-POLY-3	P=0.055N	P=0.004N**	P=0.050N*	P=0.119N
HISTCONT SAME RTE	P=0.389	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.201			
CURR VS HC ALL RTES	P=0.274			

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:06
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(Wistar Han)
 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)	40/50 (80%)	41/50 (82%)	38/50 (76%)	35/50 (70%)
POLY-3 RATE (b)	40/49.00	41/50.00	38/48.89	35/46.45
POLY-3 PERCENT (g)	81.6%	82%	77.7%	75.4%
TERMINAL (d)	31/39 (80%)	29/38 (76%)	20/28 (71%)	15/20 (75%)
FIRST INCIDENCE	443	513	478	423
HC TUMORS SAME ROUTE	43/50 (86%)			
HC TUMORS ALL ROUTES	126/150 (84%)			
STATISTICAL TESTS				
POLY 3	P=0.230N	P=0.584	P=0.409N	P=0.303N
POLY 1.5	P=0.154N	P=0.559	P=0.396N	P=0.232N
POLY 6	P=0.375N	P=0.602N	P=0.441N	P=0.437N
COCH-ARM / FISHERS	P=0.091N	P=0.500	P=0.405N	P=0.178N
MAX-ISO-POLY-3	P=0.361N	P=0.480	P=0.314N	P=0.226N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.356			
CURR VS HC ALL RTES	P=0.328			

Experiment Number: 20601 - 03
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
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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 ***