

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

F1_M3

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

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

MALE MICE

Organ

Adrenal Cortex: Zona Fasciculata
Bone Marrow
Heart
Heart: Epicardium
Heart: Valve
Intestine Large, Cecum
Intestine Small, Ileum
Islets, Pancreatic
Larynx

Larynx: Respiratory Epithelium

Larynx: Squamous Epithelium
Liver

Lung

Lung: Alveolar Epithelium
Lung: Alveolus
Lung: Bronchiole, Epithelium
Lung: Bronchus, Epithelium
Lung: Bronchus, Goblet Cell, Epithelium
Lung: Pleura

Lymph Node, Bronchial

Lymph Node, Mandibular

Lymph Node, Mediastinal

Morphology

Hypertrophy
Hyperplasia
Cardiomyopathy
Inflammation Chronic
Inflammation Chronic
Inflammation Chronic
Inflammation Chronic
Hyperplasia
Foreign Body
Inflammation Chronic
Hyperplasia
Metaplasia
Hyperplasia
Clear Cell Focus
Eosinophilic Focus
Necrosis
Foreign Body
Infiltration Cellular Lymphocyte
Inflammation Chronic
Hyperplasia
Fibrosis
Hyperplasia
Accumulation, Hyaline Droplet
Metaplasia
Fibrosis
Inflammation
Foreign Body
Hyperplasia Lymphoid
Infiltration Cellular Histiocyte
Foreign Body
Infiltration Cellular Histiocyte
Foreign Body

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

Lymph Node, Mediastinal: Artery
Lymph Node, Mesenteric

Nose
Nose: Nasolacrimal Duct
Nose: Respiratory Epithelium

Nose: Turbinate
Pituitary Gland: Pars Distalis
Preputial Gland
Stomach, Forestomach

Thymus
Tooth
Trachea
Trachea: Epithelium

FEMALE MICE

Organ

Bone Marrow
Bone: Femur
Heart: Epicardium
Larynx
Larynx: Respiratory Epithelium

Larynx: Squamous Epithelium
Liver
Lung

Hyperplasia Lymphoid
Infiltration Cellular Histiocyte
Necrosis
Infiltration Cellular Histiocyte
Infiltration Cellular Plasma Cell
Foreign Body
Inflammation Acute
Hyperplasia
Inflammation Chronic
Necrosis
Inflammation
Hyperplasia
Ectasia
Hyperkeratosis
Hyperplasia
Inflammation Chronic
Ulcer
Depletion Cellular
Inflammation Chronic
Foreign Body
Hyperplasia

Morphology

Hyperplasia
Fibro-osseous Lesion
Inflammation Chronic
Foreign Body
Hyperplasia
Metaplasia
Hyperplasia
Tension Lipidosis
Foreign Body
Infiltration Cellular Lymphocyte
Inflammation Chronic

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

Lung: Alveolar Epithelium	Hyperplasia
Lung: Alveolus	Fibrosis
Lung: Bronchiole, Epithelium	Hyperplasia
Lung: Bronchus, Goblet Cell, Epithelium	Metaplasia
Lung: Pleura	Fibrosis
	Inflammation
Lymph Node, Bronchial	Foreign Body
	Hyperplasia Lymphoid
	Infiltration Cellular Histiocyte
Lymph Node, Mandibular	Foreign Body
	Hyperplasia Lymphoid
Lymph Node, Mediastinal	Foreign Body
	Hyperplasia Lymphoid
	Infiltration Cellular Histiocyte
Lymph Node, Mesenteric	Hyperplasia Lymphoid
Lymph Node: Lumbar	Ectasia
Lymph Node: Renal	Angiectasis
Nose	Foreign Body
Nose: Olfactory Epithelium	Accumulation, Hyaline Droplet
	Metaplasia Respiratory
Nose: Respiratory Epithelium	Accumulation, Hyaline Droplet
	Hyperplasia
	Inflammation Acute
	Metaplasia
Ovary: Follicle	Cyst
Pancreas	Atrophy
Pituitary Gland: Pars Distalis	Angiectasis
	Hyperplasia
Skin	Hyperplasia
Spleen	Hematopoietic Cell Proliferation
	Hyperplasia Lymphoid
Stomach, Forestomach	Inflammation Chronic
Thymus	Depletion Cellular
Trachea	Foreign Body

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex: Zona Fasciculata Hypertrophy				
LESION RATES				
OVERALL (a)	26/49 (53%)	20/50 (40%)	15/49 (31%)	8/49 (16%)
POLY-3 RATE (b)	26/46.80	20/41.46	15/41.27	8/37.90
POLY-3 PERCENT (g)	55.6%	48.2%	36.3%	21.1%
TERMINAL (d)	23/38 (61%)	17/30 (57%)	13/27 (48%)	3/17 (18%)
FIRST INCIDENCE	590	495	607	579
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.315N	P=0.051N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.248N	P=0.035N*	P<0.001N**
POLY 6	P=0.002N**	P=0.383N	P=0.078N	P=0.003N**
COCH-ARM / FISHERS	P<0.001N**	P=0.135N	P=0.020N*	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.256N	P=0.040N*	P<0.001N**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	5/49 (10%)	8/50 (16%)	9/46 (20%)	7/49 (14%)
POLY-3 RATE (b)	5/46.22	8/40.39	9/38.85	7/37.51
POLY-3 PERCENT (g)	10.8%	19.8%	23.2%	18.7%
TERMINAL (d)	4/38 (11%)	8/30 (27%)	8/27 (30%)	4/17 (24%)
FIRST INCIDENCE	663	729 (T)	701	554
STATISTICAL TESTS				
POLY 3	P=0.320	P=0.194	P=0.107	P=0.242
POLY 1.5	P=0.400	P=0.223	P=0.126	P=0.299
POLY 6	P=0.218	P=0.169	P=0.088	P=0.174
COCH-ARM / FISHERS	P=0.488	P=0.290	P=0.160	P=0.380
MAX-ISO-POLY-3	P=0.220	P=0.138	P=0.075	P=0.179

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Blood Vessel Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/48 (0%)	0/44 (0%)
POLY-3 RATE (b)	0/46.32	0/39.39	0/39.48	0/33.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/29 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Blood Vessel: Adventitia Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/48 (0%)	1/44 (2%)
POLY-3 RATE (b)	0/46.32	0/39.39	0/39.48	1/33.89
POLY-3 PERCENT (g)	0%	0%	0%	3%
TERMINAL (d)	0/38 (0%)	0/29 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	665
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)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	10/49 (20%)	19/50 (38%)	27/48 (56%)	33/50 (66%)
POLY-3 RATE (b)	10/46.98	19/45.16	27/45.12	33/44.19
POLY-3 PERCENT (g)	21.3%	42.1%	59.8%	74.7%
TERMINAL (d)	5/38 (13%)	8/30 (27%)	12/27 (44%)	13/17 (77%)
FIRST INCIDENCE	626	71	279	490
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.025*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.029*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.023*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.044*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.016*	P<0.001**	P<0.001**

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone: Femur				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	3/49 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/46.32	2/40.39	3/40.42	2/37.37
POLY-3 PERCENT (g)	4.3%	5%	7.4%	5.4%
TERMINAL (d)	2/38 (5%)	2/30 (7%)	2/27 (7%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	729 (T)	675	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.534	P=0.644	P=0.438	P=0.614
POLY 1.5	P=0.580	P=0.659	P=0.456	P=0.650
POLY 6	P=0.462	P=0.630	P=0.419	P=0.559
COCH-ARM / FISHERS	P=0.605N	P=0.691N	P=0.490	P=0.691N
MAX-ISO-POLY-3	P=0.557	P=0.447	P=0.282	P=0.420

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone: Maxilla				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	1/40.39	0/40.21	0/37.37
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain Compression				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	2/40.71	1/40.65	0/37.37
POLY-3 PERCENT (g)	0%	4.9%	2.5%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	640	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.433N	P=0.210	P=0.474	(e)
POLY 1.5	P=0.404N	P=0.218	P=0.483	(e)
POLY 6	P=0.473N	P=0.203	P=0.463	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.356	P=0.075	P=0.158	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.69	2/41.23	0/40.65	0/37.37
POLY-3 PERCENT (g)	2.1%	4.9%	0%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	626	393	---	---
STATISTICAL TESTS				
POLY 3	P=0.236N	P=0.457	P=0.527N	P=0.544N
POLY 1.5	P=0.223N	P=0.470	P=0.518N	P=0.524N
POLY 6	P=0.254N	P=0.444	P=0.539N	P=0.571N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.239N	P=0.258	P=0.192N	P=0.212N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain: Meninges				
Infiltration Cellular Lymphoid				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	1/40.39	1/40.65	0/37.37
POLY-3 PERCENT (g)	0%	2.5%	2.5%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
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)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Eye				
Cataract				
LESION RATES				
OVERALL (a)	5/48 (10%)	4/49 (8%)	2/47 (4%)	2/50 (4%)
POLY-3 RATE (b)	5/46.09	4/41.23	2/39.92	2/38.70
POLY-3 PERCENT (g)	10.9%	9.7%	5%	5.2%
TERMINAL (d)	2/37 (5%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	590	514	576	472
STATISTICAL TESTS				
POLY 3	P=0.222N	P=0.569N	P=0.278N	P=0.293N
POLY 1.5	P=0.194N	P=0.545N	P=0.258N	P=0.249N
POLY 6	P=0.270N	P=0.588N	P=0.302N	P=0.362N
COCH-ARM / FISHERS	P=0.170N	P=0.487N	P=0.226N	P=0.201N
MAX-ISO-POLY-3	P=0.302N	P=0.433N	P=0.179N	P=0.196N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Gallbladder Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/44 (5%)	1/41 (2%)	0/38 (0%)	2/40 (5%)
POLY-3 RATE (b)	2/42.39	1/35.44	0/31.58	2/32.02
POLY-3 PERCENT (g)	4.7%	2.8%	0%	6.3%
TERMINAL (d)	1/36 (3%)	0/28 (0%)	0/23 (0%)	1/17 (6%)
FIRST INCIDENCE	599	705	---	554
STATISTICAL TESTS				
POLY 3	P=0.446	P=0.562N	P=0.306N	P=0.589
POLY 1.5	P=0.465	P=0.551N	P=0.291N	P=0.620
POLY 6	P=0.417	P=0.573N	P=0.326N	P=0.544
COCH-ARM / FISHERS	P=0.482	P=0.527N	P=0.285N	P=0.655
MAX-ISO-POLY-3	P=0.380	P=0.344N	P=0.134N	P=0.397

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/45.97	0/40.39	2/41.12	3/37.67
POLY-3 PERCENT (g)	2.2%	0%	4.9%	8%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	1/27 (4%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	---	591	646
STATISTICAL TESTS				
POLY 3	P=0.078	P=0.526N	P=0.461	P=0.238
POLY 1.5	P=0.091	P=0.516N	P=0.477	P=0.270
POLY 6	P=0.060	P=0.534N	P=0.444	P=0.199
COCH-ARM / FISHERS	P=0.105	P=0.495N	P=0.508	P=0.316
MAX-ISO-POLY-3	P=0.107	P=0.191N	P=0.260	P=0.133

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Hypertrophy				
LESION RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.97	0/40.39	1/40.65	0/37.37
POLY-3 PERCENT (g)	4.4%	0%	2.5%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.290N	P=0.267N	P=0.543N	P=0.286N
POLY 1.5	P=0.280N	P=0.256N	P=0.525N	P=0.262N
POLY 6	P=0.309N	P=0.277N	P=0.563N	P=0.324N
COCH-ARM / FISHERS	P=0.279N	P=0.242N	P=0.492N	P=0.242N
MAX-ISO-POLY-3	P=0.148N	P=0.105N	P=0.328N	P=0.124N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	14/50 (28%)	13/50 (26%)	14/50 (28%)	19/50 (38%)
POLY-3 RATE (b)	14/46.79	13/41.52	14/41.50	19/41.18
POLY-3 PERCENT (g)	29.9%	31.3%	33.7%	46.2%
TERMINAL (d)	12/38 (32%)	9/30 (30%)	10/27 (37%)	8/17 (47%)
FIRST INCIDENCE	627	393	646	490
STATISTICAL TESTS				
POLY 3	P=0.052	P=0.536	P=0.438	P=0.084
POLY 1.5	P=0.076	P=0.580	P=0.491	P=0.126
POLY 6	P=0.029*	P=0.496	P=0.383	P=0.046*
COCH-ARM / FISHERS	P=0.106	P=0.500N	P=0.588N	P=0.198
MAX-ISO-POLY-3	P=0.085	P=0.445	P=0.357	P=0.066

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	2/41.92	0/37.37
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	253	---
STATISTICAL TESTS				
POLY 3	P=0.696	(e)	P=0.216	(e)
POLY 1.5	P=0.720N	(e)	P=0.224	(e)
POLY 6	P=0.632	(e)	P=0.206	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.277	(e)	P=0.076	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	6/50 (12%)	10/50 (20%)	8/50 (16%)	9/50 (18%)
POLY-3 RATE (b)	6/46.32	10/42.12	8/42.01	9/39.90
POLY-3 PERCENT (g)	13%	23.7%	19%	22.6%
TERMINAL (d)	6/38 (16%)	6/30 (20%)	5/27 (19%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	393	279	474
STATISTICAL TESTS				
POLY 3	P=0.289	P=0.149	P=0.312	P=0.187
POLY 1.5	P=0.346	P=0.164	P=0.339	P=0.229
POLY 6	P=0.215	P=0.139	P=0.282	P=0.138
COCH-ARM / FISHERS	P=0.410	P=0.207	P=0.387	P=0.288
MAX-ISO-POLY-3	P=0.237	P=0.103	P=0.229	P=0.136

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Epicardium Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	7/50 (14%)	16/50 (32%)
POLY-3 RATE (b)	0/46.32	2/40.83	7/41.61	16/41.49
POLY-3 PERCENT (g)	0%	4.9%	16.8%	38.6%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	3/27 (11%)	2/17 (12%)
FIRST INCIDENCE	---	632	639	554
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.210	P=0.005**	P<0.001**
POLY 1.5	P<0.001**	P=0.218	P=0.005**	P<0.001**
POLY 6	P<0.001**	P=0.205	P=0.004**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.247	P=0.006**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.075	P=0.002**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Myocardium Inflammation Acute				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Valve Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	1/40.56	3/40.88	0/37.37
POLY-3 PERCENT (g)	0%	2.5%	7.3%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/27 (7%)	0/17 (0%)
FIRST INCIDENCE	---	684	669	---
STATISTICAL TESTS				
POLY 3	P=0.579N	P=0.474	P=0.098	(e)
POLY 1.5	P=0.537N	P=0.482	P=0.105	(e)
POLY 6	P=0.642N	P=0.467	P=0.090	(e)
COCH-ARM / FISHERS	P=0.490N	P=0.500	P=0.121	(e)
MAX-ISO-POLY-3	P=0.246	P=0.158	P=0.037*	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Large, Cecum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/46 (0%)	3/45 (7%)	0/45 (0%)	1/47 (2%)
POLY-3 RATE (b)	0/44.14	3/38.29	0/38.34	1/36.41
POLY-3 PERCENT (g)	0%	7.8%	0%	2.8%
TERMINAL (d)	0/38 (0%)	3/30 (10%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.642N	P=0.095	(e)	P=0.462
POLY 1.5	P=0.618N	P=0.100	(e)	P=0.481
POLY 6	P=0.634	P=0.090	(e)	P=0.434
COCH-ARM / FISHERS	P=0.580N	P=0.117	(e)	P=0.505
MAX-ISO-POLY-3	P=0.293	P=0.037*	(e)	P=0.159

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Ileum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/46 (0%)	3/44 (7%)	0/43 (0%)	1/48 (2%)
POLY-3 RATE (b)	0/44.14	3/37.46	0/36.84	1/36.68
POLY-3 PERCENT (g)	0%	8%	0%	2.7%
TERMINAL (d)	0/38 (0%)	3/30 (10%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.635N	P=0.091	(e)	P=0.463
POLY 1.5	P=0.609N	P=0.097	(e)	P=0.483
POLY 6	P=0.635	P=0.087	(e)	P=0.435
COCH-ARM / FISHERS	P=0.569N	P=0.113	(e)	P=0.511
MAX-ISO-POLY-3	P=0.288	P=0.036*	(e)	P=0.161

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Ileum: Peyer's Patch				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/46 (4%)	0/44 (0%)	0/43 (0%)	2/48 (4%)
POLY-3 RATE (b)	2/44.14	0/37.46	0/36.84	2/36.68
POLY-3 PERCENT (g)	4.5%	0%	0%	5.5%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.365	P=0.275N	P=0.279N	P=0.625
POLY 1.5	P=0.381	P=0.267N	P=0.268N	P=0.663
POLY 6	P=0.339	P=0.283N	P=0.293N	P=0.567
COCH-ARM / FISHERS	P=0.392	P=0.258N	P=0.264N	P=0.675N
MAX-ISO-POLY-3	P=0.274	P=0.109N	P=0.112N	P=0.431

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Jejunum Inflammation				
LESION RATES				
OVERALL (a)	1/46 (2%)	0/44 (0%)	1/42 (2%)	2/48 (4%)
POLY-3 RATE (b)	1/44.28	0/36.69	1/36.25	2/37.30
POLY-3 PERCENT (g)	2.3%	0%	2.8%	5.4%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	670	---	675	530
STATISTICAL TESTS				
POLY 3	P=0.214	P=0.537N	P=0.715	P=0.441
POLY 1.5	P=0.234	P=0.529N	P=0.725	P=0.474
POLY 6	P=0.184	P=0.544N	P=0.702	P=0.394
COCH-ARM / FISHERS	P=0.250	P=0.511N	P=0.730	P=0.516
MAX-ISO-POLY-3	P=0.235	P=0.201N	P=0.446	P=0.252

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Jejunum: Peyer's Patch Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/46 (2%)	0/44 (0%)	0/42 (0%)	2/48 (4%)
POLY-3 RATE (b)	1/44.06	0/36.69	0/36.05	2/36.68
POLY-3 PERCENT (g)	2.3%	0%	0%	5.5%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/27 (0%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.182	P=0.536N	P=0.540N	P=0.437
POLY 1.5	P=0.193	P=0.528N	P=0.531N	P=0.471
POLY 6	P=0.164	P=0.543N	P=0.550N	P=0.388
COCH-ARM / FISHERS	P=0.202	P=0.511N	P=0.523N	P=0.516
MAX-ISO-POLY-3	P=0.145	P=0.200N	P=0.202N	P=0.250

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	4/49 (8%)	3/49 (6%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	4/45.97	3/40.52	0/40.61	2/38.31
POLY-3 PERCENT (g)	8.7%	7.4%	0%	5.2%
TERMINAL (d)	4/38 (11%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	460	---	554
STATISTICAL TESTS				
POLY 3	P=0.337N	P=0.568N	P=0.078N	P=0.424N
POLY 1.5	P=0.318N	P=0.548N	P=0.071N	P=0.381N
POLY 6	P=0.366N	P=0.584N	P=0.087N	P=0.486N
COCH-ARM / FISHERS	P=0.302N	P=0.500N	P=0.059N	P=0.329N
MAX-ISO-POLY-3	P=0.208N	P=0.417N	P=0.034N*	P=0.288N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Cyst				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.54	1/40.39	0/40.61	0/37.37
POLY-3 PERCENT (g)	2.2%	2.5%	0%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	670	729 (T)	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Infarct				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.32	1/41.16	1/40.72	1/37.72
POLY-3 PERCENT (g)	0%	2.4%	2.5%	2.7%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	449	701	632
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney				
Inflammation Acute				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/46.54	0/40.39	1/40.84	0/37.37
POLY-3 PERCENT (g)	2.2%	0%	2.5%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	670	---	669	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/49 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.32	1/40.39	2/40.61	1/37.93
POLY-3 PERCENT (g)	2.2%	2.5%	4.9%	2.6%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	2/27 (7%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	554
STATISTICAL TESTS				
POLY 3	P=0.598	P=0.729	P=0.454	P=0.714
POLY 1.5	P=0.631	P=0.739	P=0.469	P=0.735
POLY 6	P=0.543	P=0.720	P=0.436	P=0.681
COCH-ARM / FISHERS	P=0.639N	P=0.753N	P=0.492	P=0.753N
MAX-ISO-POLY-3	P=0.545	P=0.463	P=0.255	P=0.448

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Mineralization				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.32	0/40.39	0/40.61	0/37.37
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.241N	P=0.269N	P=0.268N	P=0.288N
POLY 1.5	P=0.244N	P=0.259N	P=0.257N	P=0.265N
POLY 6	P=0.240N	P=0.278N	P=0.280N	P=0.324N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.084N	P=0.106N	P=0.103N	P=0.124N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	41/50 (82%)	39/50 (78%)	38/49 (78%)	40/50 (80%)
POLY-3 RATE (b)	41/48.33	39/45.26	38/45.83	40/45.48
POLY-3 PERCENT (g)	84.8%	86.2%	82.9%	88%
TERMINAL (d)	35/38 (92%)	26/30 (87%)	24/27 (89%)	16/17 (94%)
FIRST INCIDENCE	590	460	279	474
STATISTICAL TESTS				
POLY 3	P=0.398	P=0.547	P=0.511N	P=0.440
POLY 1.5	P=0.503	P=0.599	P=0.458N	P=0.558
POLY 6	P=0.255	P=0.552	P=0.564N	P=0.294
COCH-ARM / FISHERS	P=0.552N	P=0.402N	P=0.382N	P=0.500N
MAX-ISO-POLY-3	P=0.503	P=0.424	P=0.393N	P=0.319

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.32	2/40.39	0/40.61	1/38.09
POLY-3 PERCENT (g)	0%	5%	0%	2.6%
TERMINAL (d)	0/38 (0%)	2/30 (7%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	---	474
STATISTICAL TESTS				
POLY 3	P=0.571	P=0.208	(e)	P=0.461
POLY 1.5	P=0.598	P=0.217	(e)	P=0.479
POLY 6	P=0.533	P=0.201	(e)	P=0.436
COCH-ARM / FISHERS	P=0.633	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.335	P=0.075	(e)	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	15/50 (30%)	29/50 (58%)	44/50 (88%)
POLY-3 RATE (b)	0/46.32	15/41.66	29/44.25	44/48.21
POLY-3 PERCENT (g)	0%	36%	65.5%	91.3%
TERMINAL (d)	0/38 (0%)	10/30 (33%)	19/27 (70%)	16/17 (94%)
FIRST INCIDENCE	---	604	492	474
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	8/50 (16%)	4/50 (8%)	7/50 (14%)	11/50 (22%)
POLY-3 RATE (b)	8/46.43	4/40.39	7/40.84	11/40.52
POLY-3 PERCENT (g)	17.2%	9.9%	17.1%	27.2%
TERMINAL (d)	7/38 (18%)	4/30 (13%)	6/27 (22%)	5/17 (29%)
FIRST INCIDENCE	702	729 (T)	681	472
STATISTICAL TESTS				
POLY 3	P=0.060	P=0.251N	P=0.607N	P=0.195
POLY 1.5	P=0.074	P=0.227N	P=0.569N	P=0.242
POLY 6	P=0.039*	P=0.274N	P=0.574	P=0.135
COCH-ARM / FISHERS	P=0.085	P=0.178N	P=0.500N	P=0.306
MAX-ISO-POLY-3	P=0.097	P=0.179N	P=0.495N	P=0.146

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Cartilage Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	15/50 (30%)	30/50 (60%)
POLY-3 RATE (b)	1/46.32	3/41.74	15/44.29	30/46.11
POLY-3 PERCENT (g)	2.2%	7.2%	33.9%	65.1%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	8/27 (30%)	9/17 (53%)
FIRST INCIDENCE	729 (T)	71	279	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.269	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.281	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.259	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.309	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.142	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	8/50 (16%)	18/50 (36%)
POLY-3 RATE (b)	0/46.32	0/40.39	8/42.01	18/42.82
POLY-3 PERCENT (g)	0%	0%	19%	42%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	5/27 (19%)	5/17 (29%)
FIRST INCIDENCE	---	---	492	474
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	P=0.002**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.003**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.002**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.003**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Squamous Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	4/50 (8%)	13/50 (26%)
POLY-3 RATE (b)	2/46.43	0/40.39	4/41.75	13/41.88
POLY-3 PERCENT (g)	4.3%	0%	9.6%	31%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/27 (0%)	3/17 (18%)
FIRST INCIDENCE	702	---	591	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.270N	P=0.289	P<0.001**
POLY 1.5	P<0.001**	P=0.259N	P=0.305	P<0.001**
POLY 6	P<0.001**	P=0.279N	P=0.274	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.247N	P=0.339	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P=0.106N	P=0.177	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/46.32	0/40.39	1/40.61	0/37.37
POLY-3 PERCENT (g)	2.2%	0%	2.5%	0%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	2/49 (4%)	5/50 (10%)
POLY-3 RATE (b)	4/46.32	3/40.39	2/40.61	5/37.70
POLY-3 PERCENT (g)	8.6%	7.4%	4.9%	13.3%
TERMINAL (d)	4/38 (11%)	3/30 (10%)	2/27 (7%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	691
STATISTICAL TESTS				
POLY 3	P=0.258	P=0.574N	P=0.399N	P=0.373
POLY 1.5	P=0.292	P=0.551N	P=0.379N	P=0.429
POLY 6	P=0.210	P=0.594N	P=0.425N	P=0.299
COCH-ARM / FISHERS	P=0.327	P=0.500N	P=0.349N	P=0.500
MAX-ISO-POLY-3	P=0.292	P=0.422N	P=0.262N	P=0.270

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	14/50 (28%)	9/50 (18%)	10/49 (20%)	6/50 (12%)
POLY-3 RATE (b)	14/46.32	9/40.39	10/40.61	6/38.72
POLY-3 PERCENT (g)	30.2%	22.3%	24.6%	15.5%
TERMINAL (d)	14/38 (37%)	9/30 (30%)	10/27 (37%)	3/17 (18%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	530
STATISTICAL TESTS				
POLY 3	P=0.101N	P=0.277N	P=0.366N	P=0.088N
POLY 1.5	P=0.077N	P=0.241N	P=0.322N	P=0.062N
POLY 6	P=0.153N	P=0.310N	P=0.423N	P=0.141N
COCH-ARM / FISHERS	P=0.062N	P=0.171N	P=0.259N	P=0.039N*
MAX-ISO-POLY-3	P=0.111N	P=0.217N	P=0.291N	P=0.069N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	4/50 (8%)	5/50 (10%)	7/49 (14%)	8/50 (16%)
POLY-3 RATE (b)	4/46.79	5/41.51	7/40.61	8/38.45
POLY-3 PERCENT (g)	8.6%	12.1%	17.2%	20.8%
TERMINAL (d)	2/38 (5%)	3/30 (10%)	7/27 (26%)	4/17 (24%)
FIRST INCIDENCE	626	495	729 (T)	579
STATISTICAL TESTS				
POLY 3	P=0.078	P=0.425	P=0.185	P=0.095
POLY 1.5	P=0.108	P=0.447	P=0.210	P=0.128
POLY 6	P=0.046*	P=0.407	P=0.156	P=0.061
COCH-ARM / FISHERS	P=0.148	P=0.500	P=0.251	P=0.178
MAX-ISO-POLY-3	P=0.114	P=0.306	P=0.126	P=0.069

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Fatty Change				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	1/40.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/46.32	1/41.14	0/40.61	3/37.92
POLY-3 PERCENT (g)	2.2%	2.4%	0%	7.9%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	460	---	673
STATISTICAL TESTS				
POLY 3	P=0.106	P=0.734	P=0.526N	P=0.238
POLY 1.5	P=0.116	P=0.742	P=0.518N	P=0.267
POLY 6	P=0.092	P=0.727	P=0.537N	P=0.202
COCH-ARM / FISHERS	P=0.128	P=0.753N	P=0.505N	P=0.309
MAX-ISO-POLY-3	P=0.099	P=0.467	P=0.189N	P=0.132

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/49 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/46.32	2/40.39	3/40.61	1/37.37
POLY-3 PERCENT (g)	2.2%	5%	7.4%	2.7%
TERMINAL (d)	1/38 (3%)	2/30 (7%)	3/27 (11%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.591N	P=0.452	P=0.260	P=0.710
POLY 1.5	P=0.549N	P=0.467	P=0.274	P=0.734
POLY 6	P=0.583	P=0.440	P=0.242	P=0.675
COCH-ARM / FISHERS	P=0.503N	P=0.500	P=0.301	P=0.753N
MAX-ISO-POLY-3	P=0.441	P=0.256	P=0.137	P=0.444

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Necrosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/49 (2%)	6/50 (12%)
POLY-3 RATE (b)	3/47.24	2/41.14	1/41.25	6/40.04
POLY-3 PERCENT (g)	6.4%	4.9%	2.4%	15%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	599	460	521	472
STATISTICAL TESTS				
POLY 3	P=0.055	P=0.562N	P=0.355N	P=0.167
POLY 1.5	P=0.063	P=0.543N	P=0.338N	P=0.199
POLY 6	P=0.044*	P=0.582N	P=0.378N	P=0.128
COCH-ARM / FISHERS	P=0.072	P=0.500N	P=0.316N	P=0.243
MAX-ISO-POLY-3	P=0.063	P=0.388N	P=0.204N	P=0.111

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Tension Lipidosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/46.32	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/38 (0%)	30/30 (100%)	27/27 (100%)	17/17 (100%)
FIRST INCIDENCE	---	71	253	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	13/50 (26%)	47/50 (94%)	48/50 (96%)	45/50 (90%)
POLY-3 RATE (b)	13/47.19	47/48.24	48/49.31	45/49.40
POLY-3 PERCENT (g)	27.6%	97.4%	97.4%	91.1%
TERMINAL (d)	10/38 (26%)	29/30 (97%)	26/27 (96%)	15/17 (88%)
FIRST INCIDENCE	512	365	253	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	48/50 (96%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/46.32	48/49.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	98%	100%	100%
TERMINAL (d)	0/38 (0%)	29/30 (97%)	27/27 (100%)	17/17 (100%)
FIRST INCIDENCE	---	365	253	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	6/50 (12%)	39/50 (78%)	45/50 (90%)	49/50 (98%)
POLY-3 RATE (b)	6/46.32	39/46.10	45/47.61	49/49.85
POLY-3 PERCENT (g)	13%	84.6%	94.5%	98.3%
TERMINAL (d)	6/38 (16%)	26/30 (87%)	27/27 (100%)	17/17 (100%)
FIRST INCIDENCE	729 (T)	365	279	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolar Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolus Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	12/50 (24%)	30/50 (60%)	37/50 (74%)
POLY-3 RATE (b)	0/46.32	12/41.56	30/43.74	37/44.98
POLY-3 PERCENT (g)	0%	28.9%	68.6%	82.3%
TERMINAL (d)	0/38 (0%)	9/30 (30%)	20/27 (74%)	16/17 (94%)
FIRST INCIDENCE	---	564	492	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolus Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.241N	P=0.269N	P=0.267N	P=0.288N
POLY 1.5	P=0.244N	P=0.259N	P=0.256N	P=0.265N
POLY 6	P=0.240N	P=0.278N	P=0.280N	P=0.324N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.083N	P=0.106N	P=0.104N	P=0.124N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchiole, Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	32/50 (64%)	44/50 (88%)	44/50 (88%)
POLY-3 RATE (b)	0/46.32	32/45.21	44/46.99	44/47.17
POLY-3 PERCENT (g)	0%	70.8%	93.6%	93.3%
TERMINAL (d)	0/38 (0%)	21/30 (70%)	26/27 (96%)	17/17 (100%)
FIRST INCIDENCE	---	365	468	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchus, Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	2/37.67
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	---	---	646
STATISTICAL TESTS				
POLY 3	P=0.034*	(e)	(e)	P=0.194
POLY 1.5	P=0.037*	(e)	(e)	P=0.213
POLY 6	P=0.030*	(e)	(e)	P=0.171
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchus, Goblet Cell, Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	3/38.21
POLY-3 PERCENT (g)	0%	0%	0%	7.9%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	---	---	593
STATISTICAL TESTS				
POLY 3	P=0.006**	(e)	(e)	P=0.088
POLY 1.5	P=0.007**	(e)	(e)	P=0.101
POLY 6	P=0.005**	(e)	(e)	P=0.073
COCH-ARM / FISHERS	P=0.009**	(e)	(e)	P=0.121
MAX-ISO-POLY-3	P=0.010**	(e)	(e)	P=0.037*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Pleura Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	36/50 (72%)	46/50 (92%)	50/50 (100%)
POLY-3 RATE (b)	0/46.32	36/46.57	46/48.10	50/50.00
POLY-3 PERCENT (g)	0%	77.3%	95.6%	100%
TERMINAL (d)	0/38 (0%)	22/30 (73%)	25/27 (93%)	17/17 (100%)
FIRST INCIDENCE	---	365	468	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Pleura Inflammation				
LESION RATES				
OVERALL (a)	1/50 (2%)	40/50 (80%)	47/50 (94%)	48/50 (96%)
POLY-3 RATE (b)	1/46.32	40/45.95	47/49.06	48/49.79
POLY-3 PERCENT (g)	2.2%	87.1%	95.8%	96.4%
TERMINAL (d)	1/38 (3%)	28/30 (93%)	25/27 (93%)	16/17 (94%)
FIRST INCIDENCE	729 (T)	365	253	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Foreign Body				
LESION RATES				
OVERALL (a)	0/30 (0%)	34/43 (79%)	47/47 (100%)	38/41 (93%)
POLY-3 RATE (b)	0/28.57	34/40.69	47/47.00	38/40.75
POLY-3 PERCENT (g)	0%	83.6%	100%	93.3%
TERMINAL (d)	0/25 (0%)	21/26 (81%)	27/27 (100%)	14/16 (88%)
FIRST INCIDENCE	---	71	253	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/30 (7%)	21/43 (49%)	26/47 (55%)	13/41 (32%)
POLY-3 RATE (b)	2/28.57	21/38.39	26/41.90	13/34.26
POLY-3 PERCENT (g)	7%	54.7%	62.1%	37.9%
TERMINAL (d)	2/25 (8%)	12/26 (46%)	20/27 (74%)	6/16 (38%)
FIRST INCIDENCE	729 (T)	71	279	529
STATISTICAL TESTS				
POLY 3	P=0.307	P<0.001**	P<0.001**	P=0.003**
POLY 1.5	P=0.415	P<0.001**	P<0.001**	P=0.005**
POLY 6	P=0.172	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.541	P<0.001**	P<0.001**	P=0.010**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/30 (0%)	2/43 (5%)	4/47 (9%)	6/41 (15%)
POLY-3 RATE (b)	0/28.57	2/34.40	4/39.84	6/33.08
POLY-3 PERCENT (g)	0%	5.8%	10%	18.1%
TERMINAL (d)	0/25 (0%)	1/26 (4%)	3/27 (11%)	2/16 (13%)
FIRST INCIDENCE	---	705	468	529
STATISTICAL TESTS				
POLY 3	P=0.011*	P=0.277	P=0.106	P=0.020*
POLY 1.5	P=0.015*	P=0.291	P=0.115	P=0.026*
POLY 6	P=0.008**	P=0.263	P=0.096	P=0.014*
COCH-ARM / FISHERS	P=0.019*	P=0.344	P=0.132	P=0.031*
MAX-ISO-POLY-3	P=0.008**	P=0.094	P=0.045*	P=0.007**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mandibular Foreign Body				
LESION RATES				
OVERALL (a)	0/27 (0%)	7/26 (27%)	8/28 (29%)	16/26 (62%)
POLY-3 RATE (b)	0/26.09	7/20.31	8/23.58	16/22.32
POLY-3 PERCENT (g)	0%	34.5%	33.9%	71.7%
TERMINAL (d)	0/22 (0%)	5/14 (36%)	3/15 (20%)	6/8 (75%)
FIRST INCIDENCE	---	640	521	554
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.002**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.004**	P=0.003**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	4/27 (15%)	8/26 (31%)	6/28 (21%)	4/26 (15%)
POLY-3 RATE (b)	4/26.39	8/21.61	6/23.67	4/19.27
POLY-3 PERCENT (g)	15.2%	37%	25.4%	20.8%
TERMINAL (d)	2/22 (9%)	6/14 (43%)	3/15 (20%)	4/8 (50%)
FIRST INCIDENCE	677	365	468	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.532N	P=0.078	P=0.294	P=0.462
POLY 1.5	P=0.435N	P=0.102	P=0.322	P=0.538
POLY 6	P=0.473	P=0.054	P=0.269	P=0.353
COCH-ARM / FISHERS	P=0.330N	P=0.145	P=0.389	P=0.626
MAX-ISO-POLY-3	P=0.312	P=0.052	P=0.201	P=0.336

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mandibular Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/27 (0%)	1/26 (4%)	4/28 (14%)	1/26 (4%)
POLY-3 RATE (b)	0/26.09	1/20.73	4/23.40	1/19.60
POLY-3 PERCENT (g)	0%	4.8%	17.1%	5.1%
TERMINAL (d)	0/22 (0%)	0/14 (0%)	0/15 (0%)	0/8 (0%)
FIRST INCIDENCE	---	393	509	639
STATISTICAL TESTS				
POLY 3	P=0.394	P=0.454	P=0.042*	P=0.444
POLY 1.5	P=0.456	P=0.469	P=0.047*	P=0.465
POLY 6	P=0.301	P=0.439	P=0.039*	P=0.413
COCH-ARM / FISHERS	P=0.525	P=0.491	P=0.060	P=0.491
MAX-ISO-POLY-3	P=0.130	P=0.155	P=0.017*	P=0.155

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Foreign Body				
LESION RATES				
OVERALL (a)	0/37 (0%)	32/45 (71%)	42/48 (88%)	48/49 (98%)
POLY-3 RATE (b)	0/34.55	32/42.47	42/46.73	48/48.76
POLY-3 PERCENT (g)	0%	75.3%	89.9%	98.4%
TERMINAL (d)	0/28 (0%)	17/26 (65%)	22/26 (85%)	16/16 (100%)
FIRST INCIDENCE	---	365	468	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/37 (5%)	8/45 (18%)	17/48 (35%)	34/49 (69%)
POLY-3 RATE (b)	2/34.92	8/39.31	17/43.67	34/45.40
POLY-3 PERCENT (g)	5.7%	20.4%	38.9%	74.9%
TERMINAL (d)	1/28 (4%)	3/26 (12%)	8/26 (31%)	11/16 (69%)
FIRST INCIDENCE	626	365	468	474
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.064	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.071	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.058	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.084	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.032*	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/37 (0%)	4/45 (9%)	13/48 (27%)	34/49 (69%)
POLY-3 RATE (b)	0/34.55	4/38.84	13/43.05	34/46.86
POLY-3 PERCENT (g)	0%	10.3%	30.2%	72.6%
TERMINAL (d)	0/28 (0%)	0/26 (0%)	3/26 (12%)	8/16 (50%)
FIRST INCIDENCE	---	365	468	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.074	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.078	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.071	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.085	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.026*	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal: Artery Necrosis				
LESION RATES				
OVERALL (a)	0/37 (0%)	0/45 (0%)	0/48 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/34.55	0/36.39	0/39.61	2/37.22
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/28 (0%)	0/26 (0%)	0/26 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	474
STATISTICAL TESTS				
POLY 3	P=0.045*	(e)	(e)	P=0.252
POLY 1.5	P=0.049*	(e)	(e)	P=0.273
POLY 6	P=0.040*	(e)	(e)	P=0.224
COCH-ARM / FISHERS	P=0.054	(e)	(e)	P=0.322
MAX-ISO-POLY-3	P=0.043*	(e)	(e)	P=0.089

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Angiectasis				
LESION RATES				
OVERALL (a)	0/48 (0%)	1/47 (2%)	0/47 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.97	1/38.50	0/38.71	1/37.93
POLY-3 PERCENT (g)	0%	2.6%	0%	2.6%
TERMINAL (d)	0/37 (0%)	0/29 (0%)	0/26 (0%)	0/17 (0%)
FIRST INCIDENCE	---	705	---	554
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	3/48 (6%)	0/47 (0%)	1/47 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/44.97	0/38.41	1/38.71	2/37.37
POLY-3 PERCENT (g)	6.7%	0%	2.6%	5.4%
TERMINAL (d)	3/37 (8%)	0/29 (0%)	1/26 (4%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.531	P=0.149N	P=0.361N	P=0.583N
POLY 1.5	P=0.555	P=0.141N	P=0.342N	P=0.539N
POLY 6	P=0.489	P=0.156N	P=0.384N	P=0.645N
COCH-ARM / FISHERS	P=0.570	P=0.125N	P=0.316N	P=0.480N
MAX-ISO-POLY-3	P=0.312N	P=0.064N	P=0.209N	P=0.410N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/47 (0%)	0/47 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.97	0/38.41	0/38.71	2/38.55
POLY-3 PERCENT (g)	0%	0%	0%	5.2%
TERMINAL (d)	0/37 (0%)	0/29 (0%)	0/26 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	530
STATISTICAL TESTS				
POLY 3	P=0.038*	(e)	(e)	P=0.205
POLY 1.5	P=0.042*	(e)	(e)	P=0.222
POLY 6	P=0.034*	(e)	(e)	P=0.182
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.258
MAX-ISO-POLY-3	P=0.038*	(e)	(e)	P=0.077

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/48 (0%)	2/47 (4%)	0/47 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.97	2/38.41	0/38.71	0/37.37
POLY-3 PERCENT (g)	0%	5.2%	0%	0%
TERMINAL (d)	0/37 (0%)	2/29 (7%)	0/26 (0%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.398N	P=0.204	(e)	(e)
POLY 1.5	P=0.379N	P=0.212	(e)	(e)
POLY 6	P=0.420N	P=0.197	(e)	(e)
COCH-ARM / FISHERS	P=0.350N	P=0.242	(e)	(e)
MAX-ISO-POLY-3	P=0.304N	P=0.074	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	0/48 (0%)	4/47 (9%)	1/47 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.97	4/38.41	1/38.71	0/37.37
POLY-3 PERCENT (g)	0%	10.4%	2.6%	0%
TERMINAL (d)	0/37 (0%)	4/29 (14%)	1/26 (4%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.246N	P=0.042*	P=0.470	(e)
POLY 1.5	P=0.214N	P=0.047*	P=0.480	(e)
POLY 6	P=0.291N	P=0.039*	P=0.458	(e)
COCH-ARM / FISHERS	P=0.178N	P=0.056	P=0.495	(e)
MAX-ISO-POLY-3	P=0.205N	P=0.018*	P=0.157	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Polymorphonuclear				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/47 (0%)	2/47 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.97	0/38.41	2/39.34	0/37.37
POLY-3 PERCENT (g)	0%	0%	5.1%	0%
TERMINAL (d)	0/37 (0%)	0/29 (0%)	1/26 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	521	---
STATISTICAL TESTS				
POLY 3	P=0.698	(e)	P=0.208	(e)
POLY 1.5	P=0.710N	(e)	P=0.217	(e)
POLY 6	P=0.633	(e)	P=0.198	(e)
COCH-ARM / FISHERS	P=0.681N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.272	(e)	P=0.074	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node: Lumbar Ectasia				
LESION RATES				
OVERALL (a)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)
POLY-3 RATE (b)	0/1.67	0/2.00	0/2.00	0/1.29
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node: Renal Angiectasis				
LESION RATES				
OVERALL (a)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)
POLY-3 RATE (b)	0/1.67	0/2.00	0/2.00	0/1.29
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/2 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/0.00	0/1.46	0/4.00	0/0.38
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/4 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Hypertrophy				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/2 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/0.00	0/1.46	0/4.00	0/0.38
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/4 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/2 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/0.00	0/1.46	0/4.00	0/0.38
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/4 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mesentery				
Necrosis Fatty				
LESION RATES				
OVERALL (a)	3/7 (43%)	2/4 (50%)	2/4 (50%)	1/5 (20%)
POLY-3 RATE (b)	3/6.16	2/2.80	2/3.61	1/3.56
POLY-3 PERCENT (g)	48.7%	71.4%	55.4%	28.1%
TERMINAL (d)	3/4 (75%)	2/2 (100%)	1/1 (100%)	1/2 (50%)
FIRST INCIDENCE	729 (T)	729 (T)	669	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.361N	P=0.535	P=0.671	P=0.517N
POLY 1.5	P=0.334N	P=0.578	P=0.657	P=0.478N
POLY 6	P=0.390N	P=0.498	P=0.694	P=0.563N
COCH-ARM / FISHERS	P=0.286N	P=0.652	P=0.652	P=0.424N
MAX-ISO-POLY-3	P=0.400N	P=0.309	P=0.430	P=0.305N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mesentery: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/7 (14%)	0/4 (0%)	0/4 (0%)	2/5 (40%)
POLY-3 RATE (b)	1/6.53	0/2.80	0/3.39	2/4.06
POLY-3 PERCENT (g)	15.3%	0%	0%	49.2%
TERMINAL (d)	0/4 (0%)	0/2 (0%)	0/1 (0%)	1/2 (50%)
FIRST INCIDENCE	626	---	---	579
STATISTICAL TESTS				
POLY 3	P=0.141	P=0.657N	P=0.627N	P=0.317
POLY 1.5	P=0.145	P=0.639N	P=0.618N	P=0.338
POLY 6	P=0.136	P=0.673N	P=0.644N	P=0.300
COCH-ARM / FISHERS	P=0.149	P=0.636N	P=0.636N	P=0.364
MAX-ISO-POLY-3	P=0.102	P=0.310N	P=0.275N	P=0.155

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	48/49 (98%)	48/49 (98%)	49/50 (98%)
POLY-3 RATE (b)	0/46.32	48/48.00	48/49.00	49/49.95
POLY-3 PERCENT (g)	0%	100%	98%	98.1%
TERMINAL (d)	0/38 (0%)	30/30 (100%)	26/27 (96%)	17/17 (100%)
FIRST INCIDENCE	---	365	279	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Nasolacrimal Duct Inflammation Acute				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	0/40.12	0/40.61	2/37.42
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	---	---	716
STATISTICAL TESTS				
POLY 3	P=0.034*	(e)	(e)	P=0.193
POLY 1.5	P=0.038*	(e)	(e)	P=0.212
POLY 6	P=0.030*	(e)	(e)	P=0.169
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Nasolacrimal Duct Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/49 (2%)	2/49 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/46.52	1/40.12	2/40.94	3/38.21
POLY-3 PERCENT (g)	2.2%	2.5%	4.9%	7.9%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	677	729 (T)	639	593
STATISTICAL TESTS				
POLY 3	P=0.141	P=0.727	P=0.456	P=0.239
POLY 1.5	P=0.162	P=0.736	P=0.470	P=0.267
POLY 6	P=0.114	P=0.718	P=0.438	P=0.203
COCH-ARM / FISHERS	P=0.185	P=0.747	P=0.492	P=0.309
MAX-ISO-POLY-3	P=0.194	P=0.460	P=0.256	P=0.132

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/49 (4%)	4/49 (8%)	4/50 (8%)
POLY-3 RATE (b)	3/46.32	2/40.12	4/40.85	4/38.02
POLY-3 PERCENT (g)	6.5%	5%	9.8%	10.5%
TERMINAL (d)	3/38 (8%)	2/30 (7%)	3/27 (11%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	729 (T)	666	612
STATISTICAL TESTS				
POLY 3	P=0.267	P=0.565N	P=0.432	P=0.394
POLY 1.5	P=0.308	P=0.548N	P=0.453	P=0.440
POLY 6	P=0.211	P=0.579N	P=0.406	P=0.331
COCH-ARM / FISHERS	P=0.350	P=0.510N	P=0.489	P=0.500
MAX-ISO-POLY-3	P=0.379	P=0.390N	P=0.297	P=0.273

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	1/40.12	1/41.03	0/37.37
POLY-3 PERCENT (g)	0%	2.5%	2.4%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	607	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Metaplasia Respiratory				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/49 (8%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.57	4/40.47	0/40.61	0/37.37
POLY-3 PERCENT (g)	4.3%	9.9%	0%	0%
TERMINAL (d)	1/38 (3%)	3/30 (10%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	662	632	---	---
STATISTICAL TESTS				
POLY 3	P=0.083N	P=0.275	P=0.269N	P=0.289N
POLY 1.5	P=0.073N	P=0.290	P=0.258N	P=0.265N
POLY 6	P=0.098N	P=0.262	P=0.283N	P=0.327N
COCH-ARM / FISHERS	P=0.064N	P=0.329	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.103N	P=0.169	P=0.105N	P=0.126N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	9/50 (18%)	7/49 (14%)	7/49 (14%)	12/50 (24%)
POLY-3 RATE (b)	9/46.43	7/40.21	7/41.02	12/39.20
POLY-3 PERCENT (g)	19.4%	17.4%	17.1%	30.6%
TERMINAL (d)	8/38 (21%)	6/30 (20%)	5/27 (19%)	6/17 (35%)
FIRST INCIDENCE	702	705	669	579
STATISTICAL TESTS				
POLY 3	P=0.090	P=0.516N	P=0.499N	P=0.170
POLY 1.5	P=0.120	P=0.484N	P=0.465N	P=0.226
POLY 6	P=0.058	P=0.544N	P=0.539N	P=0.109
COCH-ARM / FISHERS	P=0.154	P=0.410N	P=0.410N	P=0.312
MAX-ISO-POLY-3	P=0.147	P=0.411N	P=0.394N	P=0.132

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	0/40.12	0/40.61	2/38.10
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	---	---	472
STATISTICAL TESTS				
POLY 3	P=0.035*	(e)	(e)	P=0.197
POLY 1.5	P=0.038*	(e)	(e)	P=0.214
POLY 6	P=0.031*	(e)	(e)	P=0.173
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Inflammation Acute				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/49 (2%)	3/49 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/46.32	1/40.12	3/41.61	2/37.70
POLY-3 PERCENT (g)	2.2%	2.5%	7.2%	5.3%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	591	639
STATISTICAL TESTS				
POLY 3	P=0.324	P=0.728	P=0.268	P=0.429
POLY 1.5	P=0.365	P=0.736	P=0.279	P=0.460
POLY 6	P=0.266	P=0.720	P=0.256	P=0.385
COCH-ARM / FISHERS	P=0.408	P=0.747	P=0.301	P=0.500
MAX-ISO-POLY-3	P=0.324	P=0.461	P=0.140	P=0.244

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Inflammation Chronic				
LESION RATES				
OVERALL (a)	3/50 (6%)	9/49 (18%)	9/49 (18%)	6/50 (12%)
POLY-3 RATE (b)	3/46.32	9/40.87	9/41.17	6/38.22
POLY-3 PERCENT (g)	6.5%	22%	21.9%	15.7%
TERMINAL (d)	3/38 (8%)	8/30 (27%)	7/27 (26%)	4/17 (24%)
FIRST INCIDENCE	729 (T)	460	639	579
STATISTICAL TESTS				
POLY 3	P=0.370	P=0.035*	P=0.036*	P=0.156
POLY 1.5	P=0.452	P=0.040*	P=0.042*	P=0.192
POLY 6	P=0.259	P=0.030*	P=0.029*	P=0.114
COCH-ARM / FISHERS	P=0.548	P=0.056	P=0.056	P=0.243
MAX-ISO-POLY-3	P=0.099	P=0.022*	P=0.022*	P=0.105

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/49 (4%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	2/40.12	1/40.72	2/38.10
POLY-3 PERCENT (g)	0%	5%	2.5%	5.3%
TERMINAL (d)	0/38 (0%)	2/30 (7%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	729 (T)	701	472
STATISTICAL TESTS				
POLY 3	P=0.264	P=0.206	P=0.474	P=0.197
POLY 1.5	P=0.294	P=0.214	P=0.483	P=0.214
POLY 6	P=0.224	P=0.200	P=0.464	P=0.173
COCH-ARM / FISHERS	P=0.330	P=0.242	P=0.495	P=0.247
MAX-ISO-POLY-3	P=0.164	P=0.074	P=0.157	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Necrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	0/40.12	0/40.61	2/37.70
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	---	---	639
STATISTICAL TESTS				
POLY 3	P=0.034*	(e)	(e)	P=0.195
POLY 1.5	P=0.038*	(e)	(e)	P=0.213
POLY 6	P=0.030*	(e)	(e)	P=0.171
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Turbinate Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	0/40.12	0/40.61	2/37.37
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	2/17 (12%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.034*	(e)	(e)	P=0.193
POLY 1.5	P=0.038*	(e)	(e)	P=0.212
POLY 6	P=0.030*	(e)	(e)	P=0.168
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/39.68	0/40.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas Inflammation				
LESION RATES				
OVERALL (a)	1/49 (2%)	0/49 (0%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.97	0/39.68	0/40.61	1/37.70
POLY-3 PERCENT (g)	2.2%	0%	0%	2.7%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	---	639
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/39.68	0/40.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3

Pituitary Gland: Pars Distalis
Angiectasis

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/39.68	0/39.61	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/26 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---

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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Cyst				
LESION RATES				
OVERALL (a)	3/49 (6%)	3/49 (6%)	0/48 (0%)	6/50 (12%)
POLY-3 RATE (b)	3/45.97	3/39.68	0/39.61	6/38.61
POLY-3 PERCENT (g)	6.5%	7.6%	0%	15.5%
TERMINAL (d)	3/38 (8%)	3/30 (10%)	0/26 (0%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	729 (T)	---	579
STATISTICAL TESTS				
POLY 3	P=0.078	P=0.593	P=0.147N	P=0.163
POLY 1.5	P=0.091	P=0.614	P=0.137N	P=0.199
POLY 6	P=0.063	P=0.574	P=0.160N	P=0.122
COCH-ARM / FISHERS	P=0.106	P=0.661N	P=0.125N	P=0.254
MAX-ISO-POLY-3	P=0.063	P=0.430	P=0.062N	P=0.109

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	4/49 (8%)	9/49 (18%)	8/48 (17%)	3/50 (6%)
POLY-3 RATE (b)	4/45.97	9/39.85	8/39.89	3/37.37
POLY-3 PERCENT (g)	8.7%	22.6%	20.1%	8%
TERMINAL (d)	4/38 (11%)	8/30 (27%)	7/26 (27%)	3/17 (18%)
FIRST INCIDENCE	729 (T)	684	655	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.283N	P=0.067	P=0.114	P=0.611N
POLY 1.5	P=0.214N	P=0.080	P=0.133	P=0.558N
POLY 6	P=0.403N	P=0.058	P=0.094	P=0.619
COCH-ARM / FISHERS	P=0.153N	P=0.116	P=0.168	P=0.489N
MAX-ISO-POLY-3	P=0.253N	P=0.046*	P=0.076	P=0.460N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Preputial Gland Ectasia				
LESION RATES				
OVERALL (a)	12/50 (24%)	7/50 (14%)	15/49 (31%)	18/50 (36%)
POLY-3 RATE (b)	12/46.54	7/42.07	15/43.12	18/40.16
POLY-3 PERCENT (g)	25.8%	16.6%	34.8%	44.8%
TERMINAL (d)	10/38 (26%)	2/30 (7%)	5/27 (19%)	9/17 (53%)
FIRST INCIDENCE	702	590	576	536
STATISTICAL TESTS				
POLY 3	P=0.007**	P=0.215N	P=0.242	P=0.047*
POLY 1.5	P=0.013*	P=0.199N	P=0.256	P=0.078
POLY 6	P=0.003**	P=0.222N	P=0.238	P=0.022*
COCH-ARM / FISHERS	P=0.024*	P=0.154N	P=0.304	P=0.138
MAX-ISO-POLY-3	P=0.012*	P=0.159N	P=0.184	P=0.038*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Preputial Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	3/50 (6%)	4/50 (8%)	4/49 (8%)	2/50 (4%)
POLY-3 RATE (b)	3/46.43	4/40.49	4/40.39	2/37.67
POLY-3 PERCENT (g)	6.5%	9.9%	9.9%	5.3%
TERMINAL (d)	2/38 (5%)	3/30 (10%)	4/27 (15%)	1/17 (6%)
FIRST INCIDENCE	702	705	729 (T)	646
STATISTICAL TESTS				
POLY 3	P=0.426N	P=0.426	P=0.424	P=0.594N
POLY 1.5	P=0.378N	P=0.449	P=0.447	P=0.552N
POLY 6	P=0.501N	P=0.406	P=0.397	P=0.650N
COCH-ARM / FISHERS	P=0.328N	P=0.500	P=0.489	P=0.500N
MAX-ISO-POLY-3	P=0.488N	P=0.294	P=0.292	P=0.419N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	5/47.13	2/40.39	1/40.69	3/38.11
POLY-3 PERCENT (g)	10.6%	5%	2.5%	7.9%
TERMINAL (d)	1/38 (3%)	2/30 (7%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	626	729 (T)	719	579
STATISTICAL TESTS				
POLY 3	P=0.529N	P=0.283N	P=0.139N	P=0.477N
POLY 1.5	P=0.505N	P=0.261N	P=0.124N	P=0.423N
POLY 6	P=0.568N	P=0.307N	P=0.159N	P=0.556N
COCH-ARM / FISHERS	P=0.491N	P=0.218N	P=0.102N	P=0.357N
MAX-ISO-POLY-3	P=0.284N	P=0.185N	P=0.079N	P=0.349N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	13/49 (27%)	10/50 (20%)	10/50 (20%)	13/50 (26%)
POLY-3 RATE (b)	13/46.53	10/43.36	10/42.13	13/40.80
POLY-3 PERCENT (g)	27.9%	23.1%	23.7%	31.9%
TERMINAL (d)	11/38 (29%)	4/30 (13%)	5/27 (19%)	5/17 (29%)
FIRST INCIDENCE	599	449	554	472
STATISTICAL TESTS				
POLY 3	P=0.294	P=0.387N	P=0.418N	P=0.434
POLY 1.5	P=0.357	P=0.365N	P=0.376N	P=0.513
POLY 6	P=0.211	P=0.398N	P=0.462N	P=0.331
COCH-ARM / FISHERS	P=0.419	P=0.298N	P=0.298N	P=0.567N
MAX-ISO-POLY-3	P=0.401	P=0.306N	P=0.334N	P=0.353

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	4/49 (8%)	6/50 (12%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	4/45.97	6/40.39	6/41.12	3/37.40
POLY-3 PERCENT (g)	8.7%	14.9%	14.6%	8%
TERMINAL (d)	4/38 (11%)	6/30 (20%)	5/27 (19%)	2/17 (12%)
FIRST INCIDENCE	729 (T)	729 (T)	591	721
STATISTICAL TESTS				
POLY 3	P=0.411N	P=0.291	P=0.301	P=0.611N
POLY 1.5	P=0.346N	P=0.319	P=0.329	P=0.557N
POLY 6	P=0.513N	P=0.267	P=0.271	P=0.620
COCH-ARM / FISHERS	P=0.282N	P=0.383	P=0.383	P=0.489N
MAX-ISO-POLY-3	P=0.451N	P=0.204	P=0.210	P=0.459N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Hyperkeratosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/49 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/46.32	2/40.39	1/40.61	3/38.26
POLY-3 PERCENT (g)	0%	5%	2.5%	7.8%
TERMINAL (d)	0/38 (0%)	2/30 (7%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	530
STATISTICAL TESTS				
POLY 3	P=0.100	P=0.208	P=0.474	P=0.088
POLY 1.5	P=0.116	P=0.217	P=0.482	P=0.101
POLY 6	P=0.080	P=0.201	P=0.463	P=0.073
COCH-ARM / FISHERS	P=0.137	P=0.247	P=0.495	P=0.121
MAX-ISO-POLY-3	P=0.063	P=0.075	P=0.157	P=0.037*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/46.32	0/40.39	0/40.61	3/37.37
POLY-3 PERCENT (g)	2.2%	0%	0%	8%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/27 (0%)	3/17 (18%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.044*	P=0.527N	P=0.526N	P=0.233
POLY 1.5	P=0.049*	P=0.519N	P=0.518N	P=0.264
POLY 6	P=0.039*	P=0.534N	P=0.537N	P=0.193
COCH-ARM / FISHERS	P=0.053	P=0.500N	P=0.505N	P=0.309
MAX-ISO-POLY-3	P=0.042*	P=0.192N	P=0.189N	P=0.130

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	4/49 (8%)	7/50 (14%)
POLY-3 RATE (b)	2/46.57	4/41.49	4/42.22	7/38.02
POLY-3 PERCENT (g)	4.3%	9.6%	9.5%	18.4%
TERMINAL (d)	1/38 (3%)	2/30 (7%)	0/27 (0%)	2/17 (12%)
FIRST INCIDENCE	664	460	492	673
STATISTICAL TESTS				
POLY 3	P=0.035*	P=0.286	P=0.293	P=0.040*
POLY 1.5	P=0.049*	P=0.300	P=0.306	P=0.055
POLY 6	P=0.022*	P=0.273	P=0.279	P=0.025*
COCH-ARM / FISHERS	P=0.069	P=0.339	P=0.329	P=0.080
MAX-ISO-POLY-3	P=0.041*	P=0.175	P=0.177	P=0.027*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.32	0/40.39	0/40.61	2/37.70
POLY-3 PERCENT (g)	0%	0%	0%	5.3%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	---	---	---	639
STATISTICAL TESTS				
POLY 3	P=0.034*	(e)	(e)	P=0.195
POLY 1.5	P=0.037*	(e)	(e)	P=0.213
POLY 6	P=0.030*	(e)	(e)	P=0.171
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/48 (4%)	4/49 (8%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.42	4/40.43	0/40.61	1/37.37
POLY-3 PERCENT (g)	4.4%	9.9%	0%	2.7%
TERMINAL (d)	2/38 (5%)	2/30 (7%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	604	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.261N	P=0.285	P=0.263N	P=0.567N
POLY 1.5	P=0.237N	P=0.303	P=0.251N	P=0.531N
POLY 6	P=0.294N	P=0.273	P=0.278N	P=0.616N
COCH-ARM / FISHERS	P=0.211N	P=0.349	P=0.242N	P=0.485N
MAX-ISO-POLY-3	P=0.201N	P=0.176	P=0.101N	P=0.353N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	3/48 (6%)	2/49 (4%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/45.89	2/39.68	1/40.61	1/37.37
POLY-3 PERCENT (g)	6.5%	5%	2.5%	2.7%
TERMINAL (d)	2/38 (5%)	2/30 (7%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	590	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.302N	P=0.566N	P=0.350N	P=0.382N
POLY 1.5	P=0.279N	P=0.542N	P=0.329N	P=0.341N
POLY 6	P=0.339N	P=0.587N	P=0.377N	P=0.444N
COCH-ARM / FISHERS	P=0.258N	P=0.490N	P=0.301N	P=0.293N
MAX-ISO-POLY-3	P=0.346N	P=0.392N	P=0.201N	P=0.233N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Testes				
Degeneration				
LESION RATES				
OVERALL (a)	29/49 (59%)	28/49 (57%)	26/50 (52%)	22/50 (44%)
POLY-3 RATE (b)	29/45.81	28/42.61	26/43.48	22/40.29
POLY-3 PERCENT (g)	63.3%	65.7%	59.8%	54.6%
TERMINAL (d)	27/37 (73%)	21/30 (70%)	20/27 (74%)	14/17 (82%)
FIRST INCIDENCE	663	449	468	474
STATISTICAL TESTS				
POLY 3	P=0.176N	P=0.494	P=0.450N	P=0.264N
POLY 1.5	P=0.104N	P=0.532	P=0.399N	P=0.170N
POLY 6	P=0.356N	P=0.484	P=0.513N	P=0.458N
COCH-ARM / FISHERS	P=0.066N	P=0.500N	P=0.303N	P=0.095N
MAX-ISO-POLY-3	P=0.287N	P=0.405	P=0.365N	P=0.210N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Depletion Cellular				
LESION RATES				
OVERALL (a)	15/41 (37%)	14/38 (37%)	32/43 (74%)	32/39 (82%)
POLY-3 RATE (b)	15/40.07	14/33.55	32/40.97	32/36.81
POLY-3 PERCENT (g)	37.4%	41.7%	78.1%	86.9%
TERMINAL (d)	10/33 (30%)	2/20 (10%)	17/24 (71%)	10/13 (77%)
FIRST INCIDENCE	590	460	468	472
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.446	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.478	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.430	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.583	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.363	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Inflammation Chronic				
<hr/>				
LESION RATES				
OVERALL (a)	0/41 (0%)	0/38 (0%)	0/43 (0%)	0/39 (0%)
POLY-3 RATE (b)	0/38.70	0/28.77	0/35.75	0/28.98
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/20 (0%)	0/24 (0%)	0/13 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus: Medulla Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/41 (5%)	1/38 (3%)	4/43 (9%)	2/39 (5%)
POLY-3 RATE (b)	2/38.70	1/29.10	4/36.41	2/28.98
POLY-3 PERCENT (g)	5.2%	3.4%	11%	6.9%
TERMINAL (d)	2/33 (6%)	0/20 (0%)	3/24 (13%)	2/13 (15%)
FIRST INCIDENCE	729 (T)	640	509	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.440	P=0.598N	P=0.308	P=0.585
POLY 1.5	P=0.490	P=0.575N	P=0.327	P=0.626
POLY 6	P=0.365	P=0.618N	P=0.286	P=0.528
COCH-ARM / FISHERS	P=0.535	P=0.529N	P=0.361	P=0.673
MAX-ISO-POLY-3	P=0.402	P=0.380N	P=0.188	P=0.395

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Tooth Dysplasia				
LESION RATES				
OVERALL (a)	12/14 (86%)	13/14 (93%)	12/14 (86%)	6/6 (100%)
POLY-3 RATE (b)	12/13.89	13/13.71	12/13.56	6/6.00
POLY-3 PERCENT (g)	86.4%	94.8%	88.5%	100%
TERMINAL (d)	12/13 (92%)	10/10 (100%)	9/9 (100%)	5/5 (100%)
FIRST INCIDENCE	729 (T)	628	591	716
STATISTICAL TESTS				
POLY 3	P=0.422	P=0.456	P=0.661	P=0.453
POLY 1.5	P=0.418	P=0.477	P=0.680	P=0.445
POLY 6	P=0.433	P=0.422	P=0.623	P=0.469
COCH-ARM / FISHERS	P=0.412	P=0.500	P=0.702N	P=0.479
MAX-ISO-POLY-3	P=0.308	P=0.219	P=0.430	P=0.211

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Tooth Inflammation Chronic				
LESION RATES				
OVERALL (a)	11/14 (79%)	5/14 (36%)	6/14 (43%)	3/6 (50%)
POLY-3 RATE (b)	11/14.00	5/13.39	6/13.77	3/5.95
POLY-3 PERCENT (g)	78.6%	37.3%	43.6%	50.4%
TERMINAL (d)	10/13 (77%)	3/10 (30%)	2/9 (22%)	3/5 (60%)
FIRST INCIDENCE	702	628	591	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.343N	P=0.027N*	P=0.059N	P=0.238N
POLY 1.5	P=0.350N	P=0.024N*	P=0.057N	P=0.234N
POLY 6	P=0.334N	P=0.033N*	P=0.064N	P=0.245N
COCH-ARM / FISHERS	P=0.363N	P=0.027N*	P=0.060N	P=0.225N
MAX-ISO-POLY-3	P=0.159N	P=0.011N*	P=0.026N*	P=0.147N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Foreign Body				
LESION RATES				
OVERALL (a)	0/49 (0%)	3/50 (6%)	1/50 (2%)	20/50 (40%)
POLY-3 RATE (b)	0/45.97	3/40.39	1/40.65	20/42.26
POLY-3 PERCENT (g)	0%	7.4%	2.5%	47.3%
TERMINAL (d)	0/38 (0%)	3/30 (10%)	1/27 (4%)	8/17 (47%)
FIRST INCIDENCE	---	729 (T)	729 (T)	474
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.097	P=0.476	P<0.001**
POLY 1.5	P<0.001**	P=0.105	P=0.486	P<0.001**
POLY 6	P<0.001**	P=0.091	P=0.464	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.125	P=0.505	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.038*	P=0.160	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	1/40.75	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	628	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	0/45.97	0/40.39	2/41.08	5/39.21
POLY-3 PERCENT (g)	0%	0%	4.9%	12.8%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	2/17 (12%)
FIRST INCIDENCE	---	---	607	472
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	P=0.213	P=0.019*
POLY 1.5	P=0.002**	(e)	P=0.223	P=0.024*
POLY 6	P<0.001**	(e)	P=0.203	P=0.014*
COCH-ARM / FISHERS	P=0.003**	(e)	P=0.253	P=0.030*
MAX-ISO-POLY-3	P=0.002**	(e)	P=0.077	P=0.009**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea: Epithelium Mineralization				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea: Glands				
Metaplasia Cartilagenous				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.97	0/40.39	0/40.65	0/37.37
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Urinary Bladder: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.32	2/41.98	0/39.61	0/37.37
POLY-3 PERCENT (g)	0%	4.8%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/26 (0%)	0/17 (0%)
FIRST INCIDENCE	---	393	---	---
STATISTICAL TESTS				
POLY 3	P=0.399N	P=0.216	(e)	(e)
POLY 1.5	P=0.384N	P=0.222	(e)	(e)
POLY 6	P=0.419N	P=0.211	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.321N	P=0.076	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex: Zona Fasciculata Hypertrophy				
LESION RATES				
OVERALL (a)	12/50 (24%)	16/50 (32%)	11/50 (22%)	11/50 (22%)
POLY-3 RATE (b)	12/44.98	16/45.14	11/40.38	11/38.22
POLY-3 PERCENT (g)	26.7%	35.5%	27.2%	28.8%
TERMINAL (d)	10/36 (28%)	10/31 (32%)	9/26 (35%)	5/15 (33%)
FIRST INCIDENCE	605	559	624	526
STATISTICAL TESTS				
POLY 3	P=0.480N	P=0.250	P=0.574	P=0.513
POLY 1.5	P=0.390N	P=0.258	P=0.563N	P=0.593
POLY 6	P=0.506	P=0.232	P=0.499	P=0.402
COCH-ARM / FISHERS	P=0.286N	P=0.252	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.561	P=0.184	P=0.477	P=0.420

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	9/50 (18%)	8/50 (16%)	9/48 (19%)	7/49 (14%)
POLY-3 RATE (b)	9/44.53	8/43.74	9/38.56	7/36.89
POLY-3 PERCENT (g)	20.2%	18.3%	23.3%	19%
TERMINAL (d)	8/36 (22%)	8/31 (26%)	7/26 (27%)	3/15 (20%)
FIRST INCIDENCE	725	731 (T)	651	572
STATISTICAL TESTS				
POLY 3	P=0.549N	P=0.516N	P=0.469	P=0.556N
POLY 1.5	P=0.479N	P=0.502N	P=0.514	P=0.489N
POLY 6	P=0.486	P=0.545N	P=0.412	P=0.578
COCH-ARM / FISHERS	P=0.387N	P=0.500N	P=0.565	P=0.410N
MAX-ISO-POLY-3	P=0.651	P=0.408N	P=0.371	P=0.448N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Blood Vessel Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/48 (0%)	2/47 (4%)	0/46 (0%)
POLY-3 RATE (b)	1/45.35	0/42.21	2/39.47	0/33.01
POLY-3 PERCENT (g)	2.2%	0%	5.1%	0%
TERMINAL (d)	0/36 (0%)	0/30 (0%)	0/25 (0%)	0/14 (0%)
FIRST INCIDENCE	395	---	493	---
STATISTICAL TESTS				
POLY 3	P=0.551N	P=0.514N	P=0.452	P=0.562N
POLY 1.5	P=0.520N	P=0.511N	P=0.464	P=0.542N
POLY 6	P=0.590N	P=0.521N	P=0.434	P=0.588N
COCH-ARM / FISHERS	P=0.477N	P=0.510N	P=0.477	P=0.521N
MAX-ISO-POLY-3	P=0.415N	P=0.174N	P=0.252	P=0.229N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Blood Vessel: Adventitia Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/48 (0%)	2/47 (4%)	1/46 (2%)
POLY-3 RATE (b)	0/44.50	0/42.21	2/38.78	1/33.13
POLY-3 PERCENT (g)	0%	0%	5.2%	3%
TERMINAL (d)	0/36 (0%)	0/30 (0%)	0/25 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	639	701
STATISTICAL TESTS				
POLY 3	P=0.251	(e)	P=0.207	P=0.442
POLY 1.5	P=0.287	(e)	P=0.215	P=0.460
POLY 6	P=0.207	(e)	P=0.197	P=0.417
COCH-ARM / FISHERS	P=0.338	(e)	P=0.232	P=0.479
MAX-ISO-POLY-3	P=0.200	(e)	P=0.072	P=0.152

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	5/50 (10%)	15/50 (30%)	28/50 (56%)
POLY-3 RATE (b)	3/45.79	5/44.62	15/45.71	28/44.86
POLY-3 PERCENT (g)	6.6%	11.2%	32.8%	62.4%
TERMINAL (d)	0/36 (0%)	3/31 (10%)	1/26 (4%)	7/15 (47%)
FIRST INCIDENCE	395	590	493	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.342	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.351	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.326	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.357	P=0.002**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.223	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone: Femur Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	21/50 (42%)	16/50 (32%)	10/49 (20%)	6/50 (12%)
POLY-3 RATE (b)	21/45.43	16/45.14	10/40.34	6/37.47
POLY-3 PERCENT (g)	46.2%	35.5%	24.8%	16%
TERMINAL (d)	17/36 (47%)	10/31 (32%)	6/25 (24%)	3/15 (20%)
FIRST INCIDENCE	551	511	526	526
STATISTICAL TESTS				
POLY 3	P=0.003N**	P=0.201N	P=0.029N*	P=0.002N**
POLY 1.5	P<0.001N**	P=0.193N	P=0.021N*	P<0.001N**
POLY 6	P=0.008N**	P=0.223N	P=0.046N*	P=0.007N**
COCH-ARM / FISHERS	P<0.001N**	P=0.204N	P=0.017N*	P<0.001N**
MAX-ISO-POLY-3	P=0.005N**	P=0.146N	P=0.022N*	P=0.002N**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone: Maxilla				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	2/43.74	1/38.89	1/36.26
POLY-3 PERCENT (g)	0%	4.6%	2.6%	2.8%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/25 (4%)	1/15 (7%)
FIRST INCIDENCE	---	731 (T)	731 (T)	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.550	P=0.233	P=0.473	P=0.459
POLY 1.5	P=0.587	P=0.237	P=0.484	P=0.478
POLY 6	P=0.497	P=0.226	P=0.459	P=0.433
COCH-ARM / FISHERS	P=0.631	P=0.247	P=0.495	P=0.500
MAX-ISO-POLY-3	P=0.313	P=0.076	P=0.157	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain Compression				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/44.50	2/43.81	2/40.37	1/36.26
POLY-3 PERCENT (g)	4.5%	4.6%	5%	2.8%
TERMINAL (d)	2/36 (6%)	1/31 (3%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	731 (T)	713	589	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.460N	P=0.688	P=0.659	P=0.571N
POLY 1.5	P=0.425N	P=0.693	P=0.675	P=0.538N
POLY 6	P=0.508N	P=0.678	P=0.635	P=0.615N
COCH-ARM / FISHERS	P=0.381N	P=0.691N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.559N	P=0.493	P=0.461	P=0.355N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	1/44.51	1/40.58	0/36.26
POLY-3 PERCENT (g)	0%	2.3%	2.5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	444	493	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/45.35	0/43.74	2/41.20	1/36.89
POLY-3 PERCENT (g)	4.4%	0%	4.9%	2.7%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	395	---	493	526
STATISTICAL TESTS				
POLY 3	P=0.624	P=0.245N	P=0.659	P=0.571N
POLY 1.5	P=0.639N	P=0.241N	P=0.675	P=0.540N
POLY 6	P=0.579	P=0.253N	P=0.637	P=0.613N
COCH-ARM / FISHERS	P=0.604N	P=0.247N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.514N	P=0.084N	P=0.462	P=0.356N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Brain: Meninges				
Infiltration Cellular Lymphoid				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/44.50	2/43.74	3/39.89	1/36.26
POLY-3 PERCENT (g)	2.3%	4.6%	7.5%	2.8%
TERMINAL (d)	1/36 (3%)	2/31 (7%)	3/26 (12%)	1/15 (7%)
FIRST INCIDENCE	731 (T)	731 (T)	731 (T)	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.602N	P=0.494	P=0.267	P=0.713
POLY 1.5	P=0.558N	P=0.499	P=0.285	P=0.735
POLY 6	P=0.574	P=0.483	P=0.244	P=0.679
COCH-ARM / FISHERS	P=0.504N	P=0.500	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.446	P=0.277	P=0.141	P=0.446

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Eye Cataract				
LESION RATES				
OVERALL (a)	1/49 (2%)	4/47 (9%)	2/49 (4%)	4/49 (8%)
POLY-3 RATE (b)	1/43.85	4/42.66	2/39.02	4/35.89
POLY-3 PERCENT (g)	2.3%	9.4%	5.1%	11.2%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	3/15 (20%)
FIRST INCIDENCE	677	631	722	609
STATISTICAL TESTS				
POLY 3	P=0.193	P=0.170	P=0.459	P=0.124
POLY 1.5	P=0.230	P=0.170	P=0.479	P=0.147
POLY 6	P=0.148	P=0.167	P=0.433	P=0.096
COCH-ARM / FISHERS	P=0.280	P=0.168	P=0.500	P=0.181
MAX-ISO-POLY-3	P=0.131	P=0.079	P=0.258	P=0.069

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Gallbladder Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/46 (0%)	1/41 (2%)	1/44 (2%)	0/45 (0%)
POLY-3 RATE (b)	0/41.26	1/37.58	1/36.19	0/33.30
POLY-3 PERCENT (g)	0%	2.7%	2.8%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	613	731 (T)	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Hyperplasia				
LESION RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.65	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	2/36 (6%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.258N	P=0.237N	P=0.258N	P=0.281N
POLY 1.5	P=0.258N	P=0.233N	P=0.246N	P=0.258N
POLY 6	P=0.256N	P=0.244N	P=0.275N	P=0.316N
COCH-ARM / FISHERS	P=0.256N	P=0.242N	P=0.242N	P=0.242N
MAX-ISO-POLY-3	P=0.076N	P=0.076N	P=0.096N	P=0.118N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Hypertrophy				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.65	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	11/50 (22%)	13/50 (26%)	6/50 (12%)	11/50 (22%)
POLY-3 RATE (b)	11/46.00	13/45.39	6/40.52	11/37.04
POLY-3 PERCENT (g)	23.9%	28.6%	14.8%	29.7%
TERMINAL (d)	7/36 (19%)	7/31 (23%)	4/26 (15%)	5/15 (33%)
FIRST INCIDENCE	395	606	600	680
STATISTICAL TESTS				
POLY 3	P=0.412	P=0.391	P=0.214N	P=0.366
POLY 1.5	P=0.507	P=0.404	P=0.179N	P=0.467
POLY 6	P=0.296	P=0.371	P=0.265N	P=0.245
COCH-ARM / FISHERS	P=0.491N	P=0.408	P=0.143N	P=0.595N
MAX-ISO-POLY-3	P=0.412	P=0.305	P=0.158N	P=0.296

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/44.08	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	635	---	---
STATISTICAL TESTS				
POLY 3	P=0.384N	P=0.235	(e)	(e)
POLY 1.5	P=0.371N	P=0.238	(e)	(e)
POLY 6	P=0.406N	P=0.229	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.332N	P=0.076	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	10/50 (20%)	4/50 (8%)	11/50 (22%)	5/50 (10%)
POLY-3 RATE (b)	10/46.08	4/44.05	11/41.31	5/38.13
POLY-3 PERCENT (g)	21.7%	9.1%	26.6%	13.1%
TERMINAL (d)	8/36 (22%)	2/31 (7%)	8/26 (31%)	1/15 (7%)
FIRST INCIDENCE	395	660	493	513
STATISTICAL TESTS				
POLY 3	P=0.401N	P=0.085N	P=0.387	P=0.231N
POLY 1.5	P=0.334N	P=0.078N	P=0.437	P=0.182N
POLY 6	P=0.493N	P=0.095N	P=0.326	P=0.305N
COCH-ARM / FISHERS	P=0.253N	P=0.074N	P=0.500	P=0.131N
MAX-ISO-POLY-3	P=0.281N	P=0.051N	P=0.305	P=0.175N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Epicardium Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	7/50 (14%)	7/50 (14%)
POLY-3 RATE (b)	0/44.50	2/44.17	7/42.05	7/38.11
POLY-3 PERCENT (g)	0%	4.5%	16.7%	18.4%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	2/26 (8%)	1/15 (7%)
FIRST INCIDENCE	---	631	512	572
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.235	P=0.006**	P=0.004**
POLY 1.5	P=0.005**	P=0.238	P=0.007**	P=0.005**
POLY 6	P=0.002**	P=0.230	P=0.005**	P=0.002**
COCH-ARM / FISHERS	P=0.011*	P=0.247	P=0.006**	P=0.006**
MAX-ISO-POLY-3	P=0.006**	P=0.076	P=0.002**	P=0.002**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart: Myocardium Inflammation Acute				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/45.17	1/39.96	0/36.26
POLY-3 PERCENT (g)	0%	4.4%	2.5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	444	713	---
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.240	P=0.479	(e)
POLY 1.5	P=0.396N	P=0.241	P=0.489	(e)
POLY 6	P=0.462N	P=0.236	P=0.465	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.375	P=0.079	P=0.158	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3

Heart: Valve
Inflammation Chronic

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.53	1/44.51	1/39.89	1/36.26
POLY-3 PERCENT (g)	2.3%	2.3%	2.5%	2.8%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	725	444	731 (T)	731 (T)

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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Large, Cecum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/47 (0%)	2/44 (5%)	2/48 (4%)	0/47 (0%)
POLY-3 RATE (b)	0/42.40	2/40.31	2/39.10	0/34.28
POLY-3 PERCENT (g)	0%	5%	5.1%	0%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	651	---
STATISTICAL TESTS				
POLY 3	P=0.444N	P=0.226	P=0.219	(e)
POLY 1.5	P=0.405N	P=0.226	P=0.230	(e)
POLY 6	P=0.500N	P=0.222	P=0.205	(e)
COCH-ARM / FISHERS	P=0.361N	P=0.231	P=0.253	(e)
MAX-ISO-POLY-3	P=0.317	P=0.072	P=0.076	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Ileum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/45 (0%)	1/47 (2%)	0/45 (0%)
POLY-3 RATE (b)	0/42.40	0/40.48	1/38.09	0/33.41
POLY-3 PERCENT (g)	0%	0%	2.6%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	---	731 (T)	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Ileum: Peyer's Patch Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/45 (0%)	1/47 (2%)	0/45 (0%)
POLY-3 RATE (b)	0/42.40	0/40.48	1/38.09	0/33.41
POLY-3 PERCENT (g)	0%	0%	2.6%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	---	731 (T)	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Jejunum Inflammation				
LESION RATES				
OVERALL (a)	0/47 (0%)	1/43 (2%)	0/46 (0%)	0/44 (0%)
POLY-3 RATE (b)	0/42.40	1/39.38	0/37.17	0/33.10
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small, Jejunum: Peyer's Patch Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/47 (2%)	0/43 (0%)	0/46 (0%)	0/44 (0%)
POLY-3 RATE (b)	1/42.40	0/39.38	0/37.17	0/33.10
POLY-3 PERCENT (g)	2.4%	0%	0%	0%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.50	0/43.09	0/39.22	0/35.96
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	2/40.37	0/36.26
POLY-3 PERCENT (g)	0%	0%	5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	---	589	---
STATISTICAL TESTS				
POLY 3	P=0.681	(e)	P=0.216	(e)
POLY 1.5	P=0.720	(e)	P=0.226	(e)
POLY 6	P=0.621	(e)	P=0.203	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.275	(e)	P=0.075	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Infarct				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	3/44.56	0/39.89	0/36.26
POLY-3 PERCENT (g)	2.3%	6.7%	0%	0%
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	444	---	---
STATISTICAL TESTS				
POLY 3	P=0.170N	P=0.306	P=0.522N	P=0.540N
POLY 1.5	P=0.157N	P=0.309	P=0.512N	P=0.522N
POLY 6	P=0.190N	P=0.297	P=0.536N	P=0.566N
COCH-ARM / FISHERS	P=0.146N	P=0.309	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.197N	P=0.154	P=0.185N	P=0.208N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney				
Inflammation Acute				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/45.17	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	444	---	---
STATISTICAL TESTS				
POLY 3	P=0.381N	P=0.240	(e)	(e)
POLY 1.5	P=0.368N	P=0.241	(e)	(e)
POLY 6	P=0.402N	P=0.236	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.337N	P=0.079	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/44.68	0/43.74	2/40.19	1/36.26
POLY-3 PERCENT (g)	2.2%	0%	5%	2.8%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	684	---	651	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.461	P=0.504N	P=0.463	P=0.712
POLY 1.5	P=0.500	P=0.501N	P=0.480	P=0.735
POLY 6	P=0.409	P=0.511N	P=0.440	P=0.677
COCH-ARM / FISHERS	P=0.551	P=0.500N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.382	P=0.164N	P=0.260	P=0.445

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	1/43.83	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	708	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	35/50 (70%)	30/50 (60%)	29/50 (58%)	32/50 (64%)
POLY-3 RATE (b)	35/47.13	30/46.64	29/43.40	32/43.24
POLY-3 PERCENT (g)	74.3%	64.3%	66.8%	74%
TERMINAL (d)	26/36 (72%)	21/31 (68%)	19/26 (73%)	11/15 (73%)
FIRST INCIDENCE	395	590	512	488
STATISTICAL TESTS				
POLY 3	P=0.365	P=0.200N	P=0.285N	P=0.587N
POLY 1.5	P=0.465	P=0.190N	P=0.210N	P=0.475N
POLY 6	P=0.268	P=0.225N	P=0.398N	P=0.493
COCH-ARM / FISHERS	P=0.488N	P=0.201N	P=0.149N	P=0.335N
MAX-ISO-POLY-3	P=0.431N	P=0.143N	P=0.219N	P=0.488N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	1/40.51	0/36.26
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	530	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	25/50 (50%)	39/50 (78%)	48/50 (96%)
POLY-3 RATE (b)	0/44.50	25/45.69	39/44.39	48/48.61
POLY-3 PERCENT (g)	0%	54.7%	87.9%	98.8%
TERMINAL (d)	0/36 (0%)	19/31 (61%)	25/26 (96%)	15/15 (100%)
FIRST INCIDENCE	---	511	423	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	4/45.59	3/44.06	2/39.89	4/37.03
POLY-3 PERCENT (g)	8.8%	6.8%	5%	10.8%
TERMINAL (d)	1/36 (3%)	1/31 (3%)	2/26 (8%)	1/15 (7%)
FIRST INCIDENCE	395	671	731 (T)	640
STATISTICAL TESTS				
POLY 3	P=0.400	P=0.519N	P=0.400N	P=0.525
POLY 1.5	P=0.444	P=0.508N	P=0.372N	P=0.578
POLY 6	P=0.346	P=0.537N	P=0.440N	P=0.454
COCH-ARM / FISHERS	P=0.503	P=0.500N	P=0.339N	P=0.643N
MAX-ISO-POLY-3	P=0.452	P=0.366N	P=0.264N	P=0.389

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	0/43.74	2/40.58	0/36.26
POLY-3 PERCENT (g)	2.3%	0%	4.9%	0%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	493	---
STATISTICAL TESTS				
POLY 3	P=0.526N	P=0.503N	P=0.468	P=0.540N
POLY 1.5	P=0.497N	P=0.500N	P=0.483	P=0.522N
POLY 6	P=0.564N	P=0.510N	P=0.446	P=0.566N
COCH-ARM / FISHERS	P=0.459N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.395N	P=0.163N	P=0.263	P=0.208N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Cartilage Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/44.38	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	559	---	---
STATISTICAL TESTS				
POLY 3	P=0.383N	P=0.236	(e)	(e)
POLY 1.5	P=0.370N	P=0.239	(e)	(e)
POLY 6	P=0.404N	P=0.231	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	P=0.076	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	14/50 (28%)	18/50 (36%)
POLY-3 RATE (b)	2/45.92	0/43.74	14/42.13	18/41.42
POLY-3 PERCENT (g)	4.4%	0%	33.2%	43.5%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	8/26 (31%)	5/15 (33%)
FIRST INCIDENCE	395	---	423	414
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.248N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.242N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.258N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.247N	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.087N	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	5/50 (10%)	24/50 (48%)
POLY-3 RATE (b)	1/45.23	0/43.74	5/40.72	24/42.60
POLY-3 PERCENT (g)	2.2%	0%	12.3%	56.3%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	4/26 (15%)	9/15 (60%)
FIRST INCIDENCE	472	---	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.507N	P=0.079	P<0.001**
POLY 1.5	P<0.001**	P=0.502N	P=0.089	P<0.001**
POLY 6	P<0.001**	P=0.514N	P=0.066	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.102	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.167N	P=0.040*	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx: Squamous Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	1/50 (2%)	12/50 (24%)
POLY-3 RATE (b)	4/45.59	1/43.82	1/40.07	12/40.99
POLY-3 PERCENT (g)	8.8%	2.3%	2.5%	29.3%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	3/15 (20%)
FIRST INCIDENCE	395	711	685	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.191N	P=0.220N	P=0.013*
POLY 1.5	P<0.001**	P=0.184N	P=0.201N	P=0.018*
POLY 6	P<0.001**	P=0.203N	P=0.247N	P=0.008**
COCH-ARM / FISHERS	P<0.001**	P=0.181N	P=0.181N	P=0.027*
MAX-ISO-POLY-3	P<0.001**	P=0.095N	P=0.124N	P=0.008**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/44.95	1/43.74	1/39.89	2/36.26
POLY-3 PERCENT (g)	4.5%	2.3%	2.5%	5.5%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	1/26 (4%)	2/15 (13%)
FIRST INCIDENCE	621	731 (T)	731 (T)	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.442	P=0.510N	P=0.541N	P=0.614
POLY 1.5	P=0.474	P=0.503N	P=0.522N	P=0.651
POLY 6	P=0.398	P=0.523N	P=0.568N	P=0.558
COCH-ARM / FISHERS	P=0.517	P=0.500N	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.488	P=0.291N	P=0.325N	P=0.420

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	1/37.08
POLY-3 PERCENT (g)	0%	0%	0%	2.7%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	414
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	6/50 (12%)	5/50 (10%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/44.50	5/44.51	3/39.89	2/36.26
POLY-3 PERCENT (g)	13.5%	11.2%	7.5%	5.5%
TERMINAL (d)	6/36 (17%)	4/31 (13%)	3/26 (12%)	2/15 (13%)
FIRST INCIDENCE	731 (T)	444	731 (T)	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.166N	P=0.500N	P=0.298N	P=0.209N
POLY 1.5	P=0.136N	P=0.494N	P=0.271N	P=0.171N
POLY 6	P=0.213N	P=0.518N	P=0.337N	P=0.271N
COCH-ARM / FISHERS	P=0.104N	P=0.500N	P=0.243N	P=0.134N
MAX-ISO-POLY-3	P=0.231N	P=0.373N	P=0.201N	P=0.140N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/44.68	3/44.17	2/39.96	0/36.26
POLY-3 PERCENT (g)	4.5%	6.8%	5%	0%
TERMINAL (d)	1/36 (3%)	2/31 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	684	606	713	---
STATISTICAL TESTS				
POLY 3	P=0.162N	P=0.495	P=0.653	P=0.287N
POLY 1.5	P=0.139N	P=0.501	P=0.673	P=0.263N
POLY 6	P=0.199N	P=0.482	P=0.626	P=0.322N
COCH-ARM / FISHERS	P=0.114N	P=0.500	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.217N	P=0.320	P=0.456	P=0.123N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Fatty Change				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/44.41	1/40.70	0/36.26
POLY-3 PERCENT (g)	0%	4.5%	2.5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	632	423	---
STATISTICAL TESTS				
POLY 3	P=0.423N	P=0.237	P=0.482	(e)
POLY 1.5	P=0.396N	P=0.238	P=0.491	(e)
POLY 6	P=0.461N	P=0.232	P=0.469	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.375	P=0.076	P=0.158	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/44.53	3/44.09	1/39.98	2/36.26
POLY-3 PERCENT (g)	9%	6.8%	2.5%	5.5%
TERMINAL (d)	3/36 (8%)	0/31 (0%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	725	671	709	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.379N	P=0.505N	P=0.213N	P=0.436N
POLY 1.5	P=0.348N	P=0.499N	P=0.196N	P=0.389N
POLY 6	P=0.422N	P=0.518N	P=0.236N	P=0.503N
COCH-ARM / FISHERS	P=0.310N	P=0.500N	P=0.181N	P=0.339N
MAX-ISO-POLY-3	P=0.326N	P=0.352N	P=0.116N	P=0.298N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.89	0/43.74	1/40.37	0/36.26
POLY-3 PERCENT (g)	2.2%	0%	2.5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	621	---	589	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Necrosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	3/44.92	2/44.38	5/42.22	2/37.28
POLY-3 PERCENT (g)	6.7%	4.5%	11.8%	5.4%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	621	559	404	424
STATISTICAL TESTS				
POLY 3	P=0.586N	P=0.505N	P=0.322	P=0.584N
POLY 1.5	P=0.535N	P=0.500N	P=0.340	P=0.545N
POLY 6	P=0.530	P=0.518N	P=0.297	P=0.638N
COCH-ARM / FISHERS	P=0.470N	P=0.500N	P=0.357	P=0.500N
MAX-ISO-POLY-3	P=0.491	P=0.329N	P=0.210	P=0.409N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Tension Lipidosis				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	4/45.35	3/44.17	3/40.53	0/36.26
POLY-3 PERCENT (g)	8.8%	6.8%	7.4%	0%
TERMINAL (d)	3/36 (8%)	2/31 (7%)	2/26 (8%)	0/15 (0%)
FIRST INCIDENCE	395	606	521	---
STATISTICAL TESTS				
POLY 3	P=0.088N	P=0.514N	P=0.561N	P=0.094N
POLY 1.5	P=0.071N	P=0.505N	P=0.533N	P=0.078N
POLY 6	P=0.116N	P=0.530N	P=0.597N	P=0.123N
COCH-ARM / FISHERS	P=0.053N	P=0.500N	P=0.500N	P=0.059N
MAX-ISO-POLY-3	P=0.113N	P=0.362N	P=0.409N	P=0.049N*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/44.50	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/36 (0%)	31/31 (100%)	26/26 (100%)	15/15 (100%)
FIRST INCIDENCE	---	444	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	7/50 (14%)	37/50 (74%)	37/50 (74%)	26/50 (52%)
POLY-3 RATE (b)	7/45.01	37/48.88	37/49.20	26/42.58
POLY-3 PERCENT (g)	15.6%	75.7%	75.2%	61.1%
TERMINAL (d)	6/36 (17%)	20/31 (65%)	18/26 (69%)	11/15 (73%)
FIRST INCIDENCE	576	511	404	422
STATISTICAL TESTS				
POLY 3	P=0.024*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.050*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.008**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.139	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	1/44.50	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	2.3%	100%	100%	100%
TERMINAL (d)	1/36 (3%)	31/31 (100%)	26/26 (100%)	15/15 (100%)
FIRST INCIDENCE	731 (T)	444	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	36/50 (72%)	49/50 (98%)	48/50 (96%)
POLY-3 RATE (b)	1/44.50	36/46.54	49/49.82	48/49.18
POLY-3 PERCENT (g)	2.3%	77.4%	98.4%	97.6%
TERMINAL (d)	1/36 (3%)	26/31 (84%)	26/26 (100%)	15/15 (100%)
FIRST INCIDENCE	731 (T)	511	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolar Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.50	1/43.74	0/39.89	2/36.73
POLY-3 PERCENT (g)	0%	2.3%	0%	5.5%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	---	731 (T)	---	593
STATISTICAL TESTS				
POLY 3	P=0.126	P=0.497	(e)	P=0.197
POLY 1.5	P=0.138	P=0.500	(e)	P=0.215
POLY 6	P=0.111	P=0.490	(e)	P=0.174
COCH-ARM / FISHERS	P=0.154	P=0.500	(e)	P=0.247
MAX-ISO-POLY-3	P=0.080	P=0.158	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolus Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	13/50 (26%)	30/50 (60%)	38/50 (76%)
POLY-3 RATE (b)	0/44.50	13/44.40	30/44.80	38/46.65
POLY-3 PERCENT (g)	0%	29.3%	67%	81.5%
TERMINAL (d)	0/36 (0%)	11/31 (36%)	19/26 (73%)	12/15 (80%)
FIRST INCIDENCE	---	635	493	414
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolus Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	1/36.49
POLY-3 PERCENT (g)	0%	0%	0%	2.7%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	670
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchiole, Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	34/50 (68%)	48/50 (96%)	45/50 (90%)
POLY-3 RATE (b)	1/44.50	34/46.39	48/49.82	45/48.42
POLY-3 PERCENT (g)	2.3%	73.3%	96.4%	92.9%
TERMINAL (d)	1/36 (3%)	24/31 (77%)	25/26 (96%)	15/15 (100%)
FIRST INCIDENCE	731 (T)	511	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchus, Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchus, Goblet Cell, Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	2/37.31
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	414
STATISTICAL TESTS				
POLY 3	P=0.033*	(e)	(e)	P=0.200
POLY 1.5	P=0.036*	(e)	(e)	P=0.217
POLY 6	P=0.029*	(e)	(e)	P=0.178
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Pleura Fibrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	39/50 (78%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	1/44.50	39/48.59	50/50.00	50/50.00
POLY-3 PERCENT (g)	2.3%	80.3%	100%	100%
TERMINAL (d)	1/36 (3%)	23/31 (74%)	26/26 (100%)	15/15 (100%)
FIRST INCIDENCE	731 (T)	511	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Pleura Inflammation				
LESION RATES				
OVERALL (a)	4/50 (8%)	27/50 (54%)	42/50 (84%)	38/50 (76%)
POLY-3 RATE (b)	4/45.08	27/46.64	42/49.42	38/45.92
POLY-3 PERCENT (g)	8.9%	57.9%	85%	82.8%
TERMINAL (d)	3/36 (8%)	18/31 (58%)	21/26 (81%)	14/15 (93%)
FIRST INCIDENCE	551	511	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Foreign Body				
LESION RATES				
OVERALL (a)	0/41 (0%)	34/47 (72%)	46/48 (96%)	43/49 (88%)
POLY-3 RATE (b)	0/38.47	34/44.89	46/47.36	43/46.56
POLY-3 PERCENT (g)	0%	75.7%	97.1%	92.4%
TERMINAL (d)	0/33 (0%)	24/30 (80%)	25/26 (96%)	15/15 (100%)
FIRST INCIDENCE	---	559	404	414
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/41 (5%)	15/47 (32%)	17/48 (35%)	11/49 (22%)
POLY-3 RATE (b)	2/38.47	15/42.64	17/39.51	11/38.46
POLY-3 PERCENT (g)	5.2%	35.2%	43%	28.6%
TERMINAL (d)	2/33 (6%)	12/30 (40%)	16/26 (62%)	4/15 (27%)
FIRST INCIDENCE	731 (T)	645	404	422
STATISTICAL TESTS				
POLY 3	P=0.151	P<0.001**	P<0.001**	P=0.006**
POLY 1.5	P=0.236	P<0.001**	P<0.001**	P=0.009**
POLY 6	P=0.075	P<0.001**	P<0.001**	P=0.003**
COCH-ARM / FISHERS	P=0.376	P<0.001**	P<0.001**	P=0.017*
MAX-ISO-POLY-3	P=0.002**	P<0.001**	P<0.001**	P=0.003**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/41 (0%)	2/47 (4%)	7/48 (15%)	7/49 (14%)
POLY-3 RATE (b)	0/38.47	2/42.28	7/39.51	7/38.75
POLY-3 PERCENT (g)	0%	4.7%	17.7%	18.1%
TERMINAL (d)	0/33 (0%)	1/30 (3%)	6/26 (23%)	1/15 (7%)
FIRST INCIDENCE	---	677	404	422
STATISTICAL TESTS				
POLY 3	P=0.006**	P=0.258	P=0.008**	P=0.007**
POLY 1.5	P=0.010**	P=0.264	P=0.010**	P=0.010**
POLY 6	P=0.003**	P=0.248	P=0.005**	P=0.004**
COCH-ARM / FISHERS	P=0.018*	P=0.282	P=0.011*	P=0.011*
MAX-ISO-POLY-3	P=0.008**	P=0.089	P=0.003**	P=0.003**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mandibular Foreign Body				
LESION RATES				
OVERALL (a)	0/41 (0%)	5/28 (18%)	9/38 (24%)	3/39 (8%)
POLY-3 RATE (b)	0/36.67	5/25.44	9/35.86	3/29.38
POLY-3 PERCENT (g)	0%	19.7%	25.1%	10.2%
TERMINAL (d)	0/30 (0%)	4/20 (20%)	2/21 (10%)	1/12 (8%)
FIRST INCIDENCE	---	613	512	470
STATISTICAL TESTS				
POLY 3	P=0.391	P=0.007**	P<0.001**	P=0.082
POLY 1.5	P=0.470	P=0.007**	P<0.001**	P=0.093
POLY 6	P=0.294	P=0.007**	P<0.001**	P=0.069
COCH-ARM / FISHERS	P=0.571	P=0.009**	P<0.001**	P=0.111
MAX-ISO-POLY-3	P=0.034*	P=0.003**	P<0.001**	P=0.034*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	7/41 (17%)	1/28 (4%)	2/38 (5%)	1/39 (3%)
POLY-3 RATE (b)	7/38.79	1/25.03	2/32.31	1/29.22
POLY-3 PERCENT (g)	18%	4%	6.2%	3.4%
TERMINAL (d)	4/30 (13%)	1/20 (5%)	1/21 (5%)	0/12 (0%)
FIRST INCIDENCE	255	731 (T)	589	424
STATISTICAL TESTS				
POLY 3	P=0.087N	P=0.102N	P=0.127N	P=0.071N
POLY 1.5	P=0.075N	P=0.096N	P=0.113N	P=0.053N
POLY 6	P=0.105N	P=0.111N	P=0.148N	P=0.101N
COCH-ARM / FISHERS	P=0.063N	P=0.087N	P=0.096N	P=0.034N*
MAX-ISO-POLY-3	P=0.050N*	P=0.068N	P=0.080N	P=0.049N*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mandibular Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/41 (0%)	0/28 (0%)	2/38 (5%)	1/39 (3%)
POLY-3 RATE (b)	0/36.67	0/25.03	2/32.31	1/28.41
POLY-3 PERCENT (g)	0%	0%	6.2%	3.5%
TERMINAL (d)	0/30 (0%)	0/20 (0%)	1/21 (5%)	1/12 (8%)
FIRST INCIDENCE	---	---	589	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.293	(e)	P=0.209	P=0.450
POLY 1.5	P=0.331	(e)	P=0.215	P=0.467
POLY 6	P=0.247	(e)	P=0.199	P=0.427
COCH-ARM / FISHERS	P=0.384	(e)	P=0.228	P=0.487
MAX-ISO-POLY-3	P=0.214	(e)	P=0.071	P=0.155

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Foreign Body				
LESION RATES				
OVERALL (a)	0/46 (0%)	28/48 (58%)	45/49 (92%)	44/50 (88%)
POLY-3 RATE (b)	0/40.50	28/44.17	45/47.88	44/47.38
POLY-3 PERCENT (g)	0%	63.4%	94%	92.9%
TERMINAL (d)	0/32 (0%)	20/30 (67%)	24/26 (92%)	15/15 (100%)
FIRST INCIDENCE	---	444	493	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/46 (0%)	3/48 (6%)	16/49 (33%)	18/50 (36%)
POLY-3 RATE (b)	0/40.50	3/41.86	16/42.84	18/39.56
POLY-3 PERCENT (g)	0%	7.2%	37.4%	45.5%
TERMINAL (d)	0/32 (0%)	2/30 (7%)	8/26 (31%)	10/15 (67%)
FIRST INCIDENCE	---	719	493	422
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.124	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.127	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.119	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.129	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.041*	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/46 (0%)	6/48 (13%)	11/49 (22%)	16/50 (32%)
POLY-3 RATE (b)	0/40.50	6/43.19	11/43.06	16/41.51
POLY-3 PERCENT (g)	0%	13.9%	25.6%	38.5%
TERMINAL (d)	0/32 (0%)	1/30 (3%)	3/26 (12%)	5/15 (33%)
FIRST INCIDENCE	---	444	512	422
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.018*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.019*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.017*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.015*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal: Artery Necrosis				
LESION RATES				
OVERALL (a)	0/46 (0%)	0/48 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/40.50	0/41.81	0/39.70	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/32 (0%)	0/30 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Angiectasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/48 (4%)	1/48 (2%)	0/46 (0%)
POLY-3 RATE (b)	0/44.50	2/42.87	1/38.72	0/33.53
POLY-3 PERCENT (g)	0%	4.7%	2.6%	0%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/25 (4%)	0/14 (0%)
FIRST INCIDENCE	---	731 (T)	731 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.438N	P=0.229	P=0.472	(e)
POLY 1.5	P=0.412N	P=0.230	P=0.482	(e)
POLY 6	P=0.476N	P=0.224	P=0.458	(e)
COCH-ARM / FISHERS	P=0.383N	P=0.237	P=0.490	(e)
MAX-ISO-POLY-3	P=0.376	P=0.073	P=0.156	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/48 (4%)	3/48 (6%)	1/46 (2%)
POLY-3 RATE (b)	0/44.50	2/43.23	3/38.72	1/33.53
POLY-3 PERCENT (g)	0%	4.6%	7.8%	3%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	3/25 (12%)	1/14 (7%)
FIRST INCIDENCE	---	632	731 (T)	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.491	P=0.230	P=0.095	P=0.444
POLY 1.5	P=0.544	P=0.231	P=0.103	P=0.462
POLY 6	P=0.418	P=0.227	P=0.085	P=0.420
COCH-ARM / FISHERS	P=0.608	P=0.237	P=0.114	P=0.479
MAX-ISO-POLY-3	P=0.216	P=0.074	P=0.036*	P=0.152

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/48 (0%)	1/48 (2%)	0/46 (0%)
POLY-3 RATE (b)	0/44.50	0/42.87	1/38.72	0/33.53
POLY-3 PERCENT (g)	0%	0%	2.6%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/25 (4%)	0/14 (0%)
FIRST INCIDENCE	---	---	731 (T)	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/48 (4%)	1/48 (2%)	0/46 (0%)
POLY-3 RATE (b)	0/44.50	2/42.87	1/38.72	0/33.53
POLY-3 PERCENT (g)	0%	4.7%	2.6%	0%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/25 (4%)	0/14 (0%)
FIRST INCIDENCE	---	731 (T)	731 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.438N	P=0.229	P=0.472	(e)
POLY 1.5	P=0.412N	P=0.230	P=0.482	(e)
POLY 6	P=0.476N	P=0.224	P=0.458	(e)
COCH-ARM / FISHERS	P=0.383N	P=0.237	P=0.490	(e)
MAX-ISO-POLY-3	P=0.376	P=0.073	P=0.156	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/48 (2%)	0/48 (0%)	1/46 (2%)
POLY-3 RATE (b)	0/44.50	1/42.87	0/38.72	1/34.10
POLY-3 PERCENT (g)	0%	2.3%	0%	2.9%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/25 (0%)	0/14 (0%)
FIRST INCIDENCE	---	731 (T)	---	549
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mesenteric Infiltration Cellular Polymorphonuclear				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/48 (0%)	0/48 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/44.50	0/42.87	0/38.72	0/33.53
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/25 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node: Lumbar Ectasia				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/9 (0%)	0/14 (0%)	3/16 (19%)
POLY-3 RATE (b)	0/5.31	0/6.94	0/11.64	3/12.40
POLY-3 PERCENT (g)	0%	0%	0%	24.2%
TERMINAL (d)	0/2 (0%)	0/3 (0%)	0/5 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	---	549
STATISTICAL TESTS				
POLY 3	P=0.026*	(e)	(e)	P=0.285
POLY 1.5	P=0.027*	(e)	(e)	P=0.301
POLY 6	P=0.025*	(e)	(e)	P=0.273
COCH-ARM / FISHERS	P=0.034*	(e)	(e)	P=0.364
MAX-ISO-POLY-3	P=0.041*	(e)	(e)	P=0.134

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node: Renal Angiectasis				
LESION RATES				
OVERALL (a)	0/6 (0%)	3/9 (33%)	1/14 (7%)	0/16 (0%)
POLY-3 RATE (b)	0/5.31	3/7.01	1/11.81	0/11.56
POLY-3 PERCENT (g)	0%	42.8%	8.5%	0%
TERMINAL (d)	0/2 (0%)	2/3 (67%)	0/5 (0%)	0/3 (0%)
FIRST INCIDENCE	---	713	685	---
STATISTICAL TESTS				
POLY 3	P=0.124N	P=0.125	P=0.660	(e)
POLY 1.5	P=0.109N	P=0.147	P=0.662	(e)
POLY 6	P=0.142N	P=0.095	P=0.658	(e)
COCH-ARM / FISHERS	P=0.103N	P=0.185	P=0.700	(e)
MAX-ISO-POLY-3	P=0.123N	P=0.035*	P=0.283	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	2/43.74	0/39.89	1/36.26
POLY-3 PERCENT (g)	0%	4.6%	0%	2.8%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	---	731 (T)	---	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.576	P=0.233	(e)	P=0.459
POLY 1.5	P=0.603	P=0.237	(e)	P=0.478
POLY 6	P=0.537	P=0.226	(e)	P=0.433
COCH-ARM / FISHERS	P=0.633	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.334	P=0.076	(e)	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Hypertrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/44.50	4/44.44	3/39.96	1/36.28
POLY-3 PERCENT (g)	2.3%	9%	7.5%	2.8%
TERMINAL (d)	1/36 (3%)	1/31 (3%)	2/26 (8%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	559	713	726
STATISTICAL TESTS				
POLY 3	P=0.426N	P=0.178	P=0.267	P=0.713
POLY 1.5	P=0.378N	P=0.181	P=0.285	P=0.736
POLY 6	P=0.496N	P=0.171	P=0.245	P=0.679
COCH-ARM / FISHERS	P=0.323N	P=0.181	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.359	P=0.083	P=0.141	P=0.446

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.50	2/44.08	0/39.89	2/37.02
POLY-3 PERCENT (g)	0%	4.5%	0%	5.4%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	635	---	526
STATISTICAL TESTS				
POLY 3	P=0.248	P=0.235	(e)	P=0.199
POLY 1.5	P=0.269	P=0.238	(e)	P=0.216
POLY 6	P=0.221	P=0.229	(e)	P=0.177
COCH-ARM / FISHERS	P=0.295	P=0.247	(e)	P=0.247
MAX-ISO-POLY-3	P=0.123	P=0.076	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mesentery				
Necrosis Fatty				
LESION RATES				
OVERALL (a)	5/9 (56%)	9/12 (75%)	11/16 (69%)	4/7 (57%)
POLY-3 RATE (b)	5/7.92	9/10.91	11/13.32	4/5.57
POLY-3 PERCENT (g)	63.2%	82.5%	82.6%	71.9%
TERMINAL (d)	5/6 (83%)	7/7 (100%)	4/5 (80%)	1/1 (100%)
FIRST INCIDENCE	731 (T)	606	404	640
STATISTICAL TESTS				
POLY 3	P=0.651	P=0.330	P=0.299	P=0.601
POLY 1.5	P=0.576N	P=0.343	P=0.353	P=0.642
POLY 6	P=0.534	P=0.276	P=0.246	P=0.520
COCH-ARM / FISHERS	P=0.484N	P=0.319	P=0.407	P=0.671
MAX-ISO-POLY-3	P=0.377	P=0.177	P=0.162	P=0.379

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mesentery: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/9 (22%)	0/12 (0%)	2/16 (13%)	1/7 (14%)
POLY-3 RATE (b)	2/8.94	0/10.17	2/11.31	1/5.52
POLY-3 PERCENT (g)	22.4%	0%	17.7%	18.1%
TERMINAL (d)	0/6 (0%)	0/7 (0%)	0/5 (0%)	0/1 (0%)
FIRST INCIDENCE	395	---	493	526
STATISTICAL TESTS				
POLY 3	P=0.567	P=0.193N	P=0.616N	P=0.668N
POLY 1.5	P=0.586	P=0.178N	P=0.559N	P=0.633N
POLY 6	P=0.530	P=0.219N	P=0.675N	P=0.721N
COCH-ARM / FISHERS	P=0.605	P=0.171N	P=0.458N	P=0.600N
MAX-ISO-POLY-3	P=0.480N	P=0.052N	P=0.398N	P=0.437N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	1/50 (2%)	44/49 (90%)	45/50 (90%)	48/50 (96%)
POLY-3 RATE (b)	1/44.94	44/48.69	45/49.37	48/49.18
POLY-3 PERCENT (g)	2.2%	90.4%	91.1%	97.6%
TERMINAL (d)	0/36 (0%)	28/31 (90%)	22/26 (85%)	14/15 (93%)
FIRST INCIDENCE	605	511	404	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3

Nose: Nasolacrimal Duct
Inflammation Acute

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	0/43.51	0/39.89	1/36.26
POLY-3 PERCENT (g)	0%	0%	0%	2.8%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	---	---	---	731 (T)

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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3

**Nose: Nasolacrimal Duct
Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	1/43.51	1/39.93	0/36.26
POLY-3 PERCENT (g)	0%	2.3%	2.5%	0%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	722	---

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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	18/50 (36%)	9/49 (18%)	12/50 (24%)	8/50 (16%)
POLY-3 RATE (b)	18/45.60	9/44.23	12/40.96	8/36.97
POLY-3 PERCENT (g)	39.5%	20.4%	29.3%	21.6%
TERMINAL (d)	15/36 (42%)	7/31 (23%)	8/26 (31%)	4/15 (27%)
FIRST INCIDENCE	576	631	589	672
STATISTICAL TESTS				
POLY 3	P=0.166N	P=0.037N*	P=0.220N	P=0.064N
POLY 1.5	P=0.111N	P=0.035N*	P=0.176N	P=0.037N*
POLY 6	P=0.260N	P=0.044N*	P=0.288N	P=0.130N
COCH-ARM / FISHERS	P=0.063N	P=0.040N*	P=0.138N	P=0.020N*
MAX-ISO-POLY-3	P=0.083N	P=0.023N*	P=0.171N	P=0.054N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/49 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	2/43.68	1/40.27	1/36.91
POLY-3 PERCENT (g)	0%	4.6%	2.5%	2.7%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	708	624	513
STATISTICAL TESTS				
POLY 3	P=0.560	P=0.233	P=0.480	P=0.463
POLY 1.5	P=0.594	P=0.235	P=0.489	P=0.480
POLY 6	P=0.511	P=0.228	P=0.468	P=0.439
COCH-ARM / FISHERS	P=0.633	P=0.242	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.313	P=0.075	P=0.158	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Metaplasia Respiratory				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	1/43.51	3/41.19	0/36.26
POLY-3 PERCENT (g)	0%	2.3%	7.3%	0%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	404	---
STATISTICAL TESTS				
POLY 3	P=0.587N	P=0.496	P=0.105	(e)
POLY 1.5	P=0.543N	P=0.498	P=0.112	(e)
POLY 6	P=0.647N	P=0.490	P=0.097	(e)
COCH-ARM / FISHERS	P=0.487N	P=0.495	P=0.121	(e)
MAX-ISO-POLY-3	P=0.255	P=0.157	P=0.038*	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	29/50 (58%)	22/49 (45%)	25/50 (50%)	19/50 (38%)
POLY-3 RATE (b)	29/47.58	22/45.73	25/43.88	19/38.91
POLY-3 PERCENT (g)	61%	48.1%	57%	48.8%
TERMINAL (d)	20/36 (56%)	14/31 (45%)	13/26 (50%)	9/15 (60%)
FIRST INCIDENCE	255	558	526	404
STATISTICAL TESTS				
POLY 3	P=0.283N	P=0.146N	P=0.430N	P=0.175N
POLY 1.5	P=0.159N	P=0.136N	P=0.362N	P=0.089N
POLY 6	P=0.487N	P=0.173N	P=0.509N	P=0.357N
COCH-ARM / FISHERS	P=0.062N	P=0.135N	P=0.274N	P=0.036N*
MAX-ISO-POLY-3	P=0.246N	P=0.106N	P=0.352N	P=0.144N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.50	0/43.51	0/39.89	2/36.94
POLY-3 PERCENT (g)	0%	0%	0%	5.4%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	593
STATISTICAL TESTS				
POLY 3	P=0.033*	(e)	(e)	P=0.198
POLY 1.5	P=0.036*	(e)	(e)	P=0.215
POLY 6	P=0.029*	(e)	(e)	P=0.177
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Inflammation Acute				
LESION RATES				
OVERALL (a)	2/50 (4%)	7/49 (14%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	2/44.94	7/44.69	7/41.47	5/37.23
POLY-3 PERCENT (g)	4.5%	15.7%	16.9%	13.4%
TERMINAL (d)	1/36 (3%)	2/31 (7%)	2/26 (8%)	2/15 (13%)
FIRST INCIDENCE	605	559	589	572
STATISTICAL TESTS				
POLY 3	P=0.312	P=0.077	P=0.060	P=0.147
POLY 1.5	P=0.384	P=0.078	P=0.069	P=0.176
POLY 6	P=0.225	P=0.073	P=0.051	P=0.112
COCH-ARM / FISHERS	P=0.481	P=0.075	P=0.080	P=0.218
MAX-ISO-POLY-3	P=0.144	P=0.038*	P=0.033*	P=0.092

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/49 (6%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	2/44.50	3/44.17	4/40.92	5/37.61
POLY-3 PERCENT (g)	4.5%	6.8%	9.8%	13.3%
TERMINAL (d)	2/36 (6%)	2/31 (7%)	1/26 (4%)	2/15 (13%)
FIRST INCIDENCE	731 (T)	511	589	404
STATISTICAL TESTS				
POLY 3	P=0.117	P=0.497	P=0.299	P=0.153
POLY 1.5	P=0.146	P=0.498	P=0.317	P=0.181
POLY 6	P=0.085	P=0.487	P=0.277	P=0.118
COCH-ARM / FISHERS	P=0.187	P=0.490	P=0.339	P=0.218
MAX-ISO-POLY-3	P=0.157	P=0.321	P=0.181	P=0.094

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/49 (6%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	0/44.50	3/44.40	2/40.27	4/36.48
POLY-3 PERCENT (g)	0%	6.8%	5%	11%
TERMINAL (d)	0/36 (0%)	1/31 (3%)	1/26 (4%)	3/15 (20%)
FIRST INCIDENCE	---	511	624	674
STATISTICAL TESTS				
POLY 3	P=0.070	P=0.118	P=0.215	P=0.039*
POLY 1.5	P=0.089	P=0.119	P=0.226	P=0.048*
POLY 6	P=0.051	P=0.115	P=0.203	P=0.029*
COCH-ARM / FISHERS	P=0.116	P=0.117	P=0.247	P=0.059
MAX-ISO-POLY-3	P=0.042*	P=0.038*	P=0.075	P=0.018*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Necrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.94	2/44.73	0/39.89	0/36.26
POLY-3 PERCENT (g)	2.2%	4.5%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	605	511	---	---
STATISTICAL TESTS				
POLY 3	P=0.231N	P=0.498	P=0.524N	P=0.542N
POLY 1.5	P=0.219N	P=0.499	P=0.513N	P=0.523N
POLY 6	P=0.249N	P=0.491	P=0.539N	P=0.569N
COCH-ARM / FISHERS	P=0.207N	P=0.492	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.260N	P=0.280	P=0.187N	P=0.210N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Turbinate Inflammation				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.50	0/43.51	0/39.89	0/36.26
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Angiectasis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/49 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/44.50	0/42.74	2/40.11	1/36.26
POLY-3 PERCENT (g)	2.3%	0%	5%	2.8%
TERMINAL (d)	1/36 (3%)	0/30 (0%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	731 (T)	---	673	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.466	P=0.508N	P=0.464	P=0.713
POLY 1.5	P=0.504	P=0.505N	P=0.481	P=0.735
POLY 6	P=0.414	P=0.515N	P=0.441	P=0.679
COCH-ARM / FISHERS	P=0.554	P=0.505N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.384	P=0.167N	P=0.261	P=0.446

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary: Bursa Cyst				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/49 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/44.50	1/42.79	1/39.89	3/36.84
POLY-3 PERCENT (g)	2.3%	2.3%	2.5%	8.1%
TERMINAL (d)	1/36 (3%)	0/30 (0%)	1/26 (4%)	2/15 (13%)
FIRST INCIDENCE	731 (T)	719	731 (T)	549
STATISTICAL TESTS				
POLY 3	P=0.119	P=0.752	P=0.736	P=0.241
POLY 1.5	P=0.136	P=0.755	P=0.748	P=0.269
POLY 6	P=0.099	P=0.745	P=0.719	P=0.204
COCH-ARM / FISHERS	P=0.158	P=0.747	P=0.753N	P=0.309
MAX-ISO-POLY-3	P=0.165	P=0.488	P=0.470	P=0.132

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary: Follicle Cyst				
LESION RATES				
OVERALL (a)	7/50 (14%)	11/49 (22%)	13/50 (26%)	13/50 (26%)
POLY-3 RATE (b)	7/44.60	11/43.49	13/41.97	13/39.82
POLY-3 PERCENT (g)	15.7%	25.3%	31%	32.7%
TERMINAL (d)	5/36 (14%)	9/30 (30%)	8/26 (31%)	4/15 (27%)
FIRST INCIDENCE	716	511	493	414
STATISTICAL TESTS				
POLY 3	P=0.082	P=0.196	P=0.074	P=0.055
POLY 1.5	P=0.115	P=0.205	P=0.087	P=0.076
POLY 6	P=0.048*	P=0.177	P=0.058	P=0.033*
COCH-ARM / FISHERS	P=0.166	P=0.204	P=0.105	P=0.105
MAX-ISO-POLY-3	P=0.073	P=0.133	P=0.048*	P=0.039*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	3/44.29	2/40.37	0/36.26
POLY-3 PERCENT (g)	0%	6.8%	5%	0%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	558	589	---
STATISTICAL TESTS				
POLY 3	P=0.347N	P=0.118	P=0.216	(e)
POLY 1.5	P=0.310N	P=0.120	P=0.226	(e)
POLY 6	P=0.402N	P=0.113	P=0.203	(e)
COCH-ARM / FISHERS	P=0.271N	P=0.121	P=0.247	(e)
MAX-ISO-POLY-3	P=0.272	P=0.038*	P=0.075	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	2/40.34	0/36.26
POLY-3 PERCENT (g)	0%	0%	5%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	---	600	---
STATISTICAL TESTS				
POLY 3	P=0.681	(e)	P=0.216	(e)
POLY 1.5	P=0.720	(e)	P=0.226	(e)
POLY 6	P=0.621	(e)	P=0.203	(e)
COCH-ARM / FISHERS	P=0.694N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.275	(e)	P=0.075	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/43.74	1/39.89	0/36.26
POLY-3 PERCENT (g)	0%	4.6%	2.5%	0%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	731 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.424N	P=0.233	P=0.478	(e)
POLY 1.5	P=0.397N	P=0.237	P=0.488	(e)
POLY 6	P=0.463N	P=0.226	P=0.464	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.370	P=0.076	P=0.158	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Angiectasis				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.50	0/43.74	1/39.93	2/36.26
POLY-3 PERCENT (g)	0%	0%	2.5%	5.5%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	---	---	722	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.061	(e)	P=0.483	P=0.199
POLY 1.5	P=0.071	(e)	P=0.493	P=0.218
POLY 6	P=0.050*	(e)	P=0.469	P=0.175
COCH-ARM / FISHERS	P=0.086	(e)	P=0.505	P=0.253
MAX-ISO-POLY-3	P=0.080	(e)	P=0.160	P=0.076

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Cyst				
LESION RATES				
OVERALL (a)	2/49 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.50	1/44.21	0/39.89	0/36.26
POLY-3 PERCENT (g)	4.6%	2.3%	0%	0%
TERMINAL (d)	2/35 (6%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	590	---	---
STATISTICAL TESTS				
POLY 3	P=0.189N	P=0.494N	P=0.257N	P=0.280N
POLY 1.5	P=0.182N	P=0.491N	P=0.245N	P=0.257N
POLY 6	P=0.197N	P=0.502N	P=0.274N	P=0.314N
COCH-ARM / FISHERS	P=0.174N	P=0.492N	P=0.242N	P=0.242N
MAX-ISO-POLY-3	P=0.139N	P=0.276N	P=0.096N	P=0.117N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	15/49 (31%)	6/50 (12%)	10/50 (20%)	14/50 (28%)
POLY-3 RATE (b)	15/44.12	6/44.10	10/39.89	14/38.03
POLY-3 PERCENT (g)	34%	13.6%	25.1%	36.8%
TERMINAL (d)	12/35 (34%)	4/31 (13%)	10/26 (39%)	8/15 (53%)
FIRST INCIDENCE	576	645	731 (T)	404
STATISTICAL TESTS				
POLY 3	P=0.124	P=0.020N*	P=0.255N	P=0.486
POLY 1.5	P=0.175	P=0.019N*	P=0.206N	P=0.589
POLY 6	P=0.072	P=0.024N*	P=0.333N	P=0.338
COCH-ARM / FISHERS	P=0.258	P=0.021N*	P=0.163N	P=0.474N
MAX-ISO-POLY-3	P=0.172	P=0.011N*	P=0.197N	P=0.399

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	2/36.73
POLY-3 PERCENT (g)	0%	0%	0%	5.5%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	---	---	---	593
STATISTICAL TESTS				
POLY 3	P=0.032*	(e)	(e)	P=0.197
POLY 1.5	P=0.036*	(e)	(e)	P=0.215
POLY 6	P=0.028*	(e)	(e)	P=0.174
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/45.73	2/43.74	2/40.58	4/38.16
POLY-3 PERCENT (g)	4.4%	4.6%	4.9%	10.5%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	395	731 (T)	493	424
STATISTICAL TESTS				
POLY 3	P=0.158	P=0.678	P=0.650	P=0.258
POLY 1.5	P=0.182	P=0.687	P=0.670	P=0.293
POLY 6	P=0.129	P=0.663	P=0.623	P=0.213
COCH-ARM / FISHERS	P=0.214	P=0.691N	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.231	P=0.481	P=0.453	P=0.162

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	17/50 (34%)	19/50 (38%)	20/50 (40%)	35/50 (70%)
POLY-3 RATE (b)	17/47.62	19/46.36	20/45.33	35/46.94
POLY-3 PERCENT (g)	35.7%	41%	44.1%	74.6%
TERMINAL (d)	9/36 (25%)	10/31 (32%)	8/26 (31%)	11/15 (73%)
FIRST INCIDENCE	395	590	423	404
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.377	P=0.268	P<0.001**
POLY 1.5	P<0.001**	P=0.399	P=0.302	P<0.001**
POLY 6	P<0.001**	P=0.350	P=0.226	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.418	P=0.339	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.302	P=0.209	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	16/50 (32%)	6/50 (12%)	8/50 (16%)	7/50 (14%)
POLY-3 RATE (b)	16/44.50	6/43.74	8/40.98	7/37.44
POLY-3 PERCENT (g)	36%	13.7%	19.5%	18.7%
TERMINAL (d)	16/36 (44%)	6/31 (19%)	6/26 (23%)	3/15 (20%)
FIRST INCIDENCE	731 (T)	731 (T)	519	606
STATISTICAL TESTS				
POLY 3	P=0.199N	P=0.013N*	P=0.070N	P=0.066N
POLY 1.5	P=0.159N	P=0.012N*	P=0.058N	P=0.044N*
POLY 6	P=0.258N	P=0.015N*	P=0.092N	P=0.110N
COCH-ARM / FISHERS	P=0.117N	P=0.014N*	P=0.050N*	P=0.028N*
MAX-ISO-POLY-3	P=0.047N*	P=0.007N**	P=0.049N*	P=0.051N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Hyperkeratosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.65	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	694	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.260N	P=0.242N	P=0.263N	P=0.286N
POLY 1.5	P=0.259N	P=0.238N	P=0.251N	P=0.263N
POLY 6	P=0.258N	P=0.249N	P=0.281N	P=0.322N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.081N	P=0.080N	P=0.100N	P=0.123N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	1/36.26
POLY-3 PERCENT (g)	0%	0%	0%	2.8%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	---	---	---	731 (T)
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/44.50	1/43.82	0/39.89	3/36.49
POLY-3 PERCENT (g)	0%	2.3%	0%	8.2%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	---	711	---	670
STATISTICAL TESTS				
POLY 3	P=0.030*	P=0.497	(e)	P=0.087
POLY 1.5	P=0.035*	P=0.500	(e)	P=0.100
POLY 6	P=0.025*	P=0.491	(e)	P=0.071
COCH-ARM / FISHERS	P=0.043*	P=0.500	(e)	P=0.121
MAX-ISO-POLY-3	P=0.024*	P=0.158	(e)	P=0.037*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 09:59:56
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/49 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/44.53	1/42.83	3/40.00	2/37.36
POLY-3 PERCENT (g)	2.3%	2.3%	7.5%	5.4%
TERMINAL (d)	0/36 (0%)	0/30 (0%)	2/26 (8%)	0/15 (0%)
FIRST INCIDENCE	725	708	703	549
STATISTICAL TESTS				
POLY 3	P=0.319	P=0.752	P=0.268	P=0.439
POLY 1.5	P=0.356	P=0.755	P=0.285	P=0.467
POLY 6	P=0.270	P=0.745	P=0.245	P=0.401
COCH-ARM / FISHERS	P=0.407	P=0.747	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.319	P=0.488	P=0.141	P=0.249

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/49 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/44.50	3/43.81	2/40.35	2/36.26
POLY-3 PERCENT (g)	4.5%	6.9%	5%	5.5%
TERMINAL (d)	2/36 (6%)	0/30 (0%)	1/26 (4%)	2/15 (13%)
FIRST INCIDENCE	731 (T)	559	596	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.607	P=0.493	P=0.658	P=0.618
POLY 1.5	P=0.570N	P=0.495	P=0.675	P=0.654
POLY 6	P=0.544	P=0.485	P=0.635	P=0.565
COCH-ARM / FISHERS	P=0.520N	P=0.490	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.635	P=0.318	P=0.461	P=0.423

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus				
Depletion Cellular				
LESION RATES				
OVERALL (a)	9/47 (19%)	18/49 (37%)	23/49 (47%)	29/49 (59%)
POLY-3 RATE (b)	9/43.28	18/45.59	23/44.41	29/43.56
POLY-3 PERCENT (g)	20.8%	39.5%	51.8%	66.6%
TERMINAL (d)	5/34 (15%)	7/30 (23%)	11/26 (42%)	10/15 (67%)
FIRST INCIDENCE	472	444	404	422
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.043*	P=0.002**	P<0.001**
POLY 1.5	P<0.001**	P=0.045*	P=0.002**	P<0.001**
POLY 6	P<0.001**	P=0.040*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.045*	P=0.004**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.027*	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/47 (2%)	1/49 (2%)	2/49 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/42.14	1/43.40	2/38.98	0/35.84
POLY-3 PERCENT (g)	2.4%	2.3%	5.1%	0%
TERMINAL (d)	0/34 (0%)	0/30 (0%)	2/26 (8%)	0/15 (0%)
FIRST INCIDENCE	551	511	731 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.394N	P=0.754N	P=0.473	P=0.532N
POLY 1.5	P=0.363N	P=0.751N	P=0.492	P=0.514N
POLY 6	P=0.437N	P=0.761	P=0.447	P=0.558N
COCH-ARM / FISHERS	P=0.325N	P=0.742N	P=0.516	P=0.490N
MAX-ISO-POLY-3	P=0.338N	P=0.491N	P=0.267	P=0.200N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus: Medulla Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	13/47 (28%)	12/49 (24%)	15/49 (31%)	16/49 (33%)
POLY-3 RATE (b)	13/41.56	12/43.21	15/40.94	16/38.32
POLY-3 PERCENT (g)	31.3%	27.8%	36.6%	41.8%
TERMINAL (d)	13/34 (38%)	10/30 (33%)	9/26 (35%)	9/15 (60%)
FIRST INCIDENCE	731 (T)	660	521	422
STATISTICAL TESTS				
POLY 3	P=0.124	P=0.454N	P=0.388	P=0.226
POLY 1.5	P=0.175	P=0.444N	P=0.425	P=0.293
POLY 6	P=0.074	P=0.478N	P=0.342	P=0.147
COCH-ARM / FISHERS	P=0.257	P=0.452N	P=0.463	P=0.379
MAX-ISO-POLY-3	P=0.202	P=0.361N	P=0.305	P=0.173

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Tooth Dysplasia				
LESION RATES				
OVERALL (a)	0/0 (0%)	1/2 (50%)	1/2 (50%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	1/2.00	1/2.00	1/1.00
POLY-3 PERCENT (g)	0%	50%	50%	100%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	1/2 (50%)	1/1 (100%)
FIRST INCIDENCE	---	558	731 (T)	731 (T)
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Tooth Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/0 (0%)	1/2 (50%)	0/2 (0%)	0/1 (0%)
POLY-3 RATE (b)	0/0.00	1/2.00	0/2.00	0/1.00
POLY-3 PERCENT (g)	0%	50%	0%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
FIRST INCIDENCE	---	558	---	---
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	7/50 (14%)	14/50 (28%)	20/50 (40%)
POLY-3 RATE (b)	0/44.50	7/44.56	14/42.17	20/39.87
POLY-3 PERCENT (g)	0%	15.7%	33.2%	50.2%
TERMINAL (d)	0/36 (0%)	5/31 (16%)	8/26 (31%)	9/15 (60%)
FIRST INCIDENCE	---	558	554	414
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.007**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.007**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.006**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.002**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	2/44.50	4/43.88	4/40.82	0/36.26
POLY-3 PERCENT (g)	4.5%	9.1%	9.8%	0%
TERMINAL (d)	2/36 (6%)	2/31 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	708	596	---
STATISTICAL TESTS				
POLY 3	P=0.161N	P=0.330	P=0.298	P=0.285N
POLY 1.5	P=0.130N	P=0.337	P=0.316	P=0.263N
POLY 6	P=0.212N	P=0.317	P=0.275	P=0.320N
COCH-ARM / FISHERS	P=0.099N	P=0.339	P=0.339	P=0.247N
MAX-ISO-POLY-3	P=0.158N	P=0.197	P=0.180	P=0.122N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.50	0/43.74	0/39.89	1/36.96
POLY-3 PERCENT (g)	0%	0%	0%	2.7%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	488
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)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea: Epithelium Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.50	2/44.38	0/39.89	0/36.26
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	559	---	---
STATISTICAL TESTS				
POLY 3	P=0.383N	P=0.236	(e)	(e)
POLY 1.5	P=0.370N	P=0.239	(e)	(e)
POLY 6	P=0.404N	P=0.231	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	P=0.076	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea: Glands				
Metaplasia Cartilagenous				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.22	0/43.74	0/39.89	0/36.26
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	551	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.258N	P=0.245N	P=0.266N	P=0.290N
POLY 1.5	P=0.258N	P=0.240N	P=0.252N	P=0.265N
POLY 6	P=0.256N	P=0.254N	P=0.286N	P=0.327N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.085N	P=0.083N	P=0.103N	P=0.126N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 09:59:56
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Urinary Bladder: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/45.35	0/43.74	2/41.20	0/36.26
POLY-3 PERCENT (g)	2.2%	0%	4.9%	0%
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	395	---	493	---
STATISTICAL TESTS				
POLY 3	P=0.528N	P=0.507N	P=0.467	P=0.544N
POLY 1.5	P=0.498N	P=0.503N	P=0.482	P=0.525N
POLY 6	P=0.567N	P=0.514N	P=0.446	P=0.570N
COCH-ARM / FISHERS	P=0.459N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.399N	P=0.168N	P=0.262	P=0.212N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Angiectasis				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/44.50	0/43.74	1/40.00	1/37.07
POLY-3 PERCENT (g)	4.5%	0%	2.5%	2.7%
TERMINAL (d)	2/36 (6%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	703	422
STATISTICAL TESTS				
POLY 3	P=0.653	P=0.241N	P=0.537N	P=0.563N
POLY 1.5	P=0.652N	P=0.238N	P=0.520N	P=0.534N
POLY 6	P=0.622	P=0.248N	P=0.560N	P=0.605N
COCH-ARM / FISHERS	P=0.631N	P=0.247N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.369N	P=0.080N	P=0.320N	P=0.348N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/45.08	3/43.82	1/40.18	2/36.26
POLY-3 PERCENT (g)	2.2%	6.9%	2.5%	5.5%
TERMINAL (d)	0/36 (0%)	2/31 (7%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	551	711	654	731 (T)
STATISTICAL TESTS				
POLY 3	P=0.498	P=0.295	P=0.734	P=0.425
POLY 1.5	P=0.539	P=0.302	P=0.747	P=0.459
POLY 6	P=0.441	P=0.282	P=0.718	P=0.379
COCH-ARM / FISHERS	P=0.589	P=0.309	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.417	P=0.150	P=0.468	P=0.243

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Antimony trioxide
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	41/50 (82%)	43/50 (86%)	44/50 (88%)	41/50 (82%)
POLY-3 RATE (b)	41/46.60	43/47.67	44/49.15	41/45.81
POLY-3 PERCENT (g)	88%	90.2%	89.5%	89.5%
TERMINAL (d)	34/36 (94%)	28/31 (90%)	22/26 (85%)	12/15 (80%)
FIRST INCIDENCE	472	559	404	404
STATISTICAL TESTS				
POLY 3	P=0.548	P=0.492	P=0.536	P=0.543
POLY 1.5	P=0.550N	P=0.465	P=0.447	P=0.578
POLY 6	P=0.516	P=0.529	P=0.630	P=0.535
COCH-ARM / FISHERS	P=0.443N	P=0.393	P=0.288	P=0.602N
MAX-ISO-POLY-3	P=0.603	P=0.353	P=0.400	P=0.398

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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.
 - (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 ***