

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
**CAS Number:** 1309-64-4

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

F1\_Core\_RE

<b>NTP Study Number:</b>	C20601		
<b>Lock Date:</b>	06/13/2011		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25021 TSAC	25020 NATD	25019 MSAC
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	3.0.2.2_002		
<b>PWG Approval Date:</b>	NONE		

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

**MALE RATS**

**Organ**

Adrenal Cortex

Adrenal Medulla

Bone Marrow

Brain

Eye: Ciliary Body

Eye: Cornea

Heart

Heart: Valve

Kidney: Artery

Kidney: Papilla

Kidney: Pelvis

Kidney: Renal Tubule

Larynx

Liver

Liver: Bile Duct

Lung

Lung: Alveolar Epithelium

Lung: Alveolus

Lung: Bronchiole, Epithelium

Lung: Perivascular

Lymph Node, Bronchial

**Morphology**

Angiectasis

Degeneration Cystic

Hyperplasia

Hyperplasia

Compression

Inflammation Acute

Inflammation Chronic

Thrombosis

Thrombosis

Inflammation Chronic

Necrosis

Necrosis

Inflammation Chronic

Mineralization

Accumulation, Hyaline Droplet

Foreign Body

Hyperplasia

Clear Cell Focus

Hepatodiaphragmatic Nodule

Hyperplasia

Fibrosis

Foreign Body

Inflammation Chronic

Metaplasia Osseous

Proteinosis

Hyperplasia

Inflammation

Hyperplasia

Infiltration Cellular Lymphocyte

Foreign Body

Hyperplasia Lymphoid

Pigmentation

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

Lymph Node, Mediastinal

Lymph Node, Mesenteric

Lymph Node: Renal  
Mesentery: Artery

Nose  
Nose: Respiratory Epithelium

Pancreas  
Pancreas: Artery

Parathyroid Gland  
Prostate  
Prostate: Epithelium  
Skin

Spleen  
Stomach, Forestomach

Testes  
Trachea

Foreign Body  
Hyperplasia Lymphoid  
Angiomatous Hyperplasia  
Ectasia  
Ectasia  
Inflammation Chronic  
Necrosis  
Foreign Body  
Hyperplasia  
Metaplasia  
Regeneration  
Basophilic Focus  
Inflammation Chronic  
Necrosis  
Hyperplasia  
Inflammation  
Hyperplasia  
Cyst  
Inflammation Chronic  
Ulcer  
Hematopoietic Cell Proliferation  
Edema  
Hyperplasia  
Edema  
Foreign Body  
Inflammation

### FEMALE RATS

#### Organ

Adrenal Cortex  
Adrenal Medulla  
Bone Marrow  
Bone: Femur  
Clitoral Gland

#### Morphology

Degeneration Cystic  
Hyperplasia  
Hyperplasia  
Hyperostosis  
Cyst  
Inflammation Chronic

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Eye: Ciliary Body	Inflammation Acute
Eye: Retina	Atrophy
Heart	Cardiomyopathy
Kidney	Infarct
	Nephropathy
Kidney: Artery	Inflammation Chronic
Kidney: Pelvis	Inflammation
	Mineralization
Kidney: Renal Tubule	Accumulation, Hyaline Droplet
Larynx	Foreign Body
	Inflammation Chronic
Liver	Fatty Change
	Fibrosis
	Inflammation Chronic
	Necrosis
Liver: Bile Duct	Hyperplasia
Lung	Fibrosis
	Foreign Body
	Hemorrhage
	Inflammation Chronic
	Proteinosis
Lung: Alveolar Epithelium	Hyperplasia
	Metaplasia
Lung: Alveolus	Inflammation
Lung: Artery	Necrosis
Lung: Bronchiole, Epithelium	Hyperplasia
Lung: Perivascular	Infiltration Cellular Lymphocyte
Lymph Node, Bronchial	Foreign Body
	Hyperplasia Lymphoid
Lymph Node, Mandibular	Foreign Body
Lymph Node, Mediastinal	Foreign Body
	Hyperplasia Lymphoid
Mammary Gland	Granuloma Lipomatous
Mesentery: Artery	Inflammation Chronic
	Necrosis
Nose	Foreign Body

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Nose: Olfactory Epithelium	Necrosis
Nose: Respiratory Epithelium	Atrophy
	Hyperplasia
	Metaplasia
Ovary	Congestion
	Fibrosis
	Hemorrhage
Pancreas: Artery	Hemorrhage
	Inflammation Chronic
	Necrosis
Pituitary Gland	Angiectasis
Skin	Cyst
	Ulcer
Spleen	Hematopoietic Cell Proliferation
Thymus	Hemorrhage
Thyroid Gland: C-Cell	Hyperplasia
Trachea	Foreign Body
Trachea: Epithelium	Hyperplasia
Uterus: Endometrial Glands	Metaplasia
Uterus: Endometrium	Hyperplasia Cystic

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/41.07	2/40.80	0/42.47	3/40.46
POLY-3 PERCENT (g)	0%	4.9%	0%	7.4%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	0/28 (0%)	2/18 (11%)
FIRST INCIDENCE	---	719	---	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.104	P=0.235	(e)	P=0.115
POLY 1.5	P=0.107	P=0.236	(e)	P=0.118
POLY 6	P=0.099	P=0.236	(e)	P=0.109
COCH-ARM / FISHERS	P=0.109	P=0.247	(e)	P=0.121
MAX-ISO-POLY-3	P=0.043*	P=0.075	(e)	P=0.037*

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/41.25	0/40.76	2/43.07	0/39.99
POLY-3 PERCENT (g)	2.4%	0%	4.6%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	680	---	537	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.467N	P=0.502N	P=0.515	P=0.506N
POLY 1.5	P=0.461N	P=0.502N	P=0.505	P=0.502N
POLY 6	P=0.482N	P=0.503N	P=0.525	P=0.515N
COCH-ARM / FISHERS	P=0.459N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.346N	P=0.161N	P=0.297	P=0.166N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Degeneration Cystic</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	3/41.07	0/40.76	1/42.78	3/40.77
POLY-3 PERCENT (g)	7.3%	0%	2.3%	7.4%
TERMINAL (d)	3/30 (10%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	729 (T)	---	646	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.300	P=0.119N	P=0.290N	P=0.660
POLY 1.5	P=0.303	P=0.119N	P=0.300N	P=0.663
POLY 6	P=0.290	P=0.118N	P=0.278N	P=0.650
COCH-ARM / FISHERS	P=0.302	P=0.121N	P=0.309N	P=0.661N
MAX-ISO-POLY-3	P=0.289	P=0.039N*	P=0.148N	P=0.495



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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	30/50 (60%)	32/50 (64%)	33/50 (66%)	32/50 (64%)
POLY-3 RATE (b)	30/43.30	32/46.14	33/44.45	32/46.13
POLY-3 PERCENT (g)	69.3%	69.4%	74.2%	69.4%
TERMINAL (d)	23/30 (77%)	19/30 (63%)	21/28 (75%)	10/18 (56%)
FIRST INCIDENCE	557	499	589	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.547N	P=0.592	P=0.384	P=0.592
POLY 1.5	P=0.526	P=0.513	P=0.333	P=0.517
POLY 6	P=0.506N	P=0.500N	P=0.458	P=0.518N
COCH-ARM / FISHERS	P=0.451	P=0.418	P=0.339	P=0.418
MAX-ISO-POLY-3	P=0.620	P=0.496	P=0.295	P=0.496

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	2/50 (4%)	4/49 (8%)	8/50 (16%)
POLY-3 RATE (b)	1/40.36	2/40.76	4/41.60	8/41.24
POLY-3 PERCENT (g)	2.5%	4.9%	9.6%	19.4%
TERMINAL (d)	1/30 (3%)	2/30 (7%)	3/27 (11%)	4/18 (22%)
FIRST INCIDENCE	729 (T)	729 (T)	696	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	P=0.503	P=0.187	P=0.016*
POLY 1.5	P=0.004**	P=0.505	P=0.180	P=0.017*
POLY 6	P=0.003**	P=0.504	P=0.194	P=0.014*
COCH-ARM / FISHERS	P=0.005**	P=0.508	P=0.181	P=0.017*
MAX-ISO-POLY-3	P=0.007**	P=0.283	P=0.091	P=0.006**

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Bone Marrow Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	3/50 (6%)	4/50 (8%)	8/50 (16%)
POLY-3 RATE (b)	0/41.07	3/42.02	4/44.13	8/42.83
POLY-3 PERCENT (g)	0%	7.1%	9.1%	18.7%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	1/28 (4%)	2/18 (11%)
FIRST INCIDENCE	---	514	113	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	P=0.122	P=0.070	P=0.004**
POLY 1.5	P=0.004**	P=0.121	P=0.065	P=0.004**
POLY 6	P=0.003**	P=0.125	P=0.075	P=0.004**
COCH-ARM / FISHERS	P=0.004**	P=0.121	P=0.059	P=0.003**
MAX-ISO-POLY-3	P=0.002**	P=0.041*	P=0.027*	P=0.002**

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Bone: Femur Hyperostosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	1/41.35	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	543	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Bone: Maxilla Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/41.37	4/41.78	2/42.98	1/40.14
POLY-3 PERCENT (g)	7.3%	9.6%	4.7%	2.5%
TERMINAL (d)	1/30 (3%)	2/30 (7%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	680	543	576	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.171N	P=0.505	P=0.483N	P=0.315N
POLY 1.5	P=0.165N	P=0.502	P=0.494N	P=0.309N
POLY 6	P=0.183N	P=0.512	P=0.470N	P=0.330N
COCH-ARM / FISHERS	P=0.161N	P=0.500	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.223N	P=0.352	P=0.311N	P=0.164N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Brain Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	11/50 (22%)	8/50 (16%)	2/50 (4%)
POLY-3 RATE (b)	7/44.06	11/43.64	8/45.49	2/40.46
POLY-3 PERCENT (g)	15.9%	25.2%	17.6%	4.9%
TERMINAL (d)	1/30 (3%)	5/30 (17%)	2/28 (7%)	1/18 (6%)
FIRST INCIDENCE	477	486	113	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.027N*	P=0.206	P=0.527	P=0.099N
POLY 1.5	P=0.022N*	P=0.210	P=0.514	P=0.089N
POLY 6	P=0.038N*	P=0.205	P=0.539	P=0.120N
COCH-ARM / FISHERS	P=0.019N*	P=0.218	P=0.500	P=0.080N
MAX-ISO-POLY-3	P=0.043N*	P=0.140	P=0.415	P=0.057N

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/41.56	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	2.4%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	582	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Ciliary Body Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/49 (0%)	1/50 (2%)	6/49 (12%)
POLY-3 RATE (b)	0/40.25	0/40.47	1/42.52	6/39.76
POLY-3 PERCENT (g)	0%	0%	2.4%	15.1%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	2/18 (11%)
FIRST INCIDENCE	---	---	718	673
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.511	P=0.014*
POLY 1.5	P<0.001**	(e)	P=0.506	P=0.015*
POLY 6	P<0.001**	(e)	P=0.516	P=0.012*
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.505	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.171	P=0.004**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Cornea</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/40.25	0/40.47	0/42.47	2/39.39
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	682
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.039*	(e)	(e)	P=0.232
POLY 1.5	P=0.039*	(e)	(e)	P=0.235
POLY 6	P=0.037*	(e)	(e)	P=0.224
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.075

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

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

Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Lens Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/49 (4%)	5/49 (10%)	3/50 (6%)	4/49 (8%)
POLY-3 RATE (b)	2/41.05	5/40.61	3/42.47	4/39.94
POLY-3 PERCENT (g)	4.9%	12.3%	7.1%	10%
TERMINAL (d)	1/30 (3%)	4/30 (13%)	3/28 (11%)	1/18 (6%)
FIRST INCIDENCE	427	691	729 (T)	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.449	P=0.210	P=0.516	P=0.323
POLY 1.5	P=0.459	P=0.212	P=0.508	P=0.331
POLY 6	P=0.427	P=0.211	P=0.524	P=0.308
COCH-ARM / FISHERS	P=0.466	P=0.218	P=0.510	P=0.339
MAX-ISO-POLY-3	P=0.340	P=0.116	P=0.339	P=0.192

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

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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Retina Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/49 (16%)	11/49 (22%)	9/50 (18%)	6/49 (12%)
POLY-3 RATE (b)	8/41.54	11/43.31	9/43.43	6/40.21
POLY-3 PERCENT (g)	19.3%	25.4%	20.7%	14.9%
TERMINAL (d)	5/30 (17%)	5/30 (17%)	6/28 (21%)	3/18 (17%)
FIRST INCIDENCE	557	514	499	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.226N	P=0.338	P=0.541	P=0.410N
POLY 1.5	P=0.206N	P=0.324	P=0.523	P=0.395N
POLY 6	P=0.269N	P=0.357	P=0.556	P=0.448N
COCH-ARM / FISHERS	P=0.194N	P=0.305	P=0.518	P=0.387N
MAX-ISO-POLY-3	P=0.336N	P=0.253	P=0.432	P=0.304N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Harderian Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	2/41.07	1/41.06	0/42.47	3/40.83
POLY-3 PERCENT (g)	4.9%	2.4%	0%	7.4%
TERMINAL (d)	2/30 (7%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	649	---	562
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.247	P=0.500N	P=0.229N	P=0.497
POLY 1.5	P=0.250	P=0.501N	P=0.235N	P=0.500
POLY 6	P=0.239	P=0.496N	P=0.223N	P=0.488
COCH-ARM / FISHERS	P=0.250	P=0.500N	P=0.247N	P=0.500
MAX-ISO-POLY-3	P=0.191	P=0.280N	P=0.076N	P=0.321

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	41/50 (82%)	44/50 (88%)	42/50 (84%)	40/50 (80%)
POLY-3 RATE (b)	41/47.75	44/48.81	42/47.83	40/47.90
POLY-3 PERCENT (g)	85.9%	90.2%	87.8%	83.5%
TERMINAL (d)	26/30 (87%)	26/30 (87%)	25/28 (89%)	16/18 (89%)
FIRST INCIDENCE	369	339	159	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.283N	P=0.361	P=0.509	P=0.484N
POLY 1.5	P=0.279N	P=0.320	P=0.471	P=0.490N
POLY 6	P=0.318N	P=0.442	P=0.564	P=0.493N
COCH-ARM / FISHERS	P=0.289N	P=0.288	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.396N	P=0.248	P=0.381	P=0.365N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Heart Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	2/40.47
POLY-3 PERCENT (g)	0%	0%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.233
POLY 1.5	P=0.040*	(e)	(e)	P=0.236
POLY 6	P=0.038*	(e)	(e)	P=0.227
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 - 03  
 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Heart: Valve Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	2/40.22
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.039*	(e)	(e)	P=0.232
POLY 1.5	P=0.040*	(e)	(e)	P=0.235
POLY 6	P=0.038*	(e)	(e)	P=0.225
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 - 03  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/41.36	2/41.06	3/42.95	1/40.19
POLY-3 PERCENT (g)	2.4%	4.9%	7%	2.5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	649	649	589	677
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.518N	P=0.497	P=0.318	P=0.755
POLY 1.5	P=0.509N	P=0.498	P=0.309	P=0.758
POLY 6	P=0.538N	P=0.499	P=0.328	P=0.746
COCH-ARM / FISHERS	P=0.504N	P=0.500	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.479	P=0.279	P=0.168	P=0.491

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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Infarct</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/41.07	1/40.76	2/42.52	1/39.99
POLY-3 PERCENT (g)	0%	2.5%	4.7%	2.5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	1/28 (4%)	1/18 (6%)
FIRST INCIDENCE	---	729 (T)	718	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.498	P=0.499	P=0.245	P=0.495
POLY 1.5	P=0.506	P=0.499	P=0.239	P=0.498
POLY 6	P=0.479	P=0.499	P=0.251	P=0.487
COCH-ARM / FISHERS	P=0.510	P=0.500	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.245	P=0.158	P=0.083	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.87	0/40.76	0/42.47	2/40.87
POLY-3 PERCENT (g)	2.4%	0%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	427	---	---	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.182	P=0.505N	P=0.497N	P=0.492
POLY 1.5	P=0.184	P=0.504N	P=0.501N	P=0.496
POLY 6	P=0.177	P=0.506N	P=0.493N	P=0.481
COCH-ARM / FISHERS	P=0.183	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.136	P=0.165N	P=0.158N	P=0.275

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	41/50 (82%)	41/50 (82%)	40/50 (80%)	38/50 (76%)
POLY-3 RATE (b)	41/45.48	41/45.80	40/46.00	38/46.03
POLY-3 PERCENT (g)	90.1%	89.5%	87%	82.6%
TERMINAL (d)	29/30 (97%)	28/30 (93%)	25/28 (89%)	15/18 (83%)
FIRST INCIDENCE	477	486	537	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.127N	P=0.616N	P=0.433N	P=0.195N
POLY 1.5	P=0.155N	P=0.612N	P=0.518N	P=0.233N
POLY 6	P=0.120N	P=0.611N	P=0.323N	P=0.174N
COCH-ARM / FISHERS	P=0.239N	P=0.602N	P=0.500N	P=0.312N
MAX-ISO-POLY-3	P=0.182N	P=0.453N	P=0.298N	P=0.115N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/41.07	0/40.76	1/42.47	4/40.92
POLY-3 PERCENT (g)	0%	0%	2.4%	9.8%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	729 (T)	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	(e)	P=0.507	P=0.059
POLY 1.5	P=0.005**	(e)	P=0.502	P=0.060
POLY 6	P=0.004**	(e)	P=0.512	P=0.056
COCH-ARM / FISHERS	P=0.005**	(e)	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.008**	(e)	P=0.167	P=0.019*

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/41.07	0/40.76	1/42.47	4/40.92
POLY-3 PERCENT (g)	0%	0%	2.4%	9.8%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	729 (T)	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	(e)	P=0.507	P=0.059
POLY 1.5	P=0.005**	(e)	P=0.502	P=0.060
POLY 6	P=0.004**	(e)	P=0.512	P=0.056
COCH-ARM / FISHERS	P=0.005**	(e)	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.008**	(e)	P=0.167	P=0.019*

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Papilla Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	2/40.20
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	677
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.039*	(e)	(e)	P=0.232
POLY 1.5	P=0.040*	(e)	(e)	P=0.235
POLY 6	P=0.038*	(e)	(e)	P=0.224
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/41.79	2/41.40	1/42.47	3/40.36
POLY-3 PERCENT (g)	4.8%	4.8%	2.4%	7.4%
TERMINAL (d)	1/30 (3%)	1/30 (3%)	1/28 (4%)	1/18 (6%)
FIRST INCIDENCE	472	519	729 (T)	680
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.364	P=0.691	P=0.494N	P=0.484
POLY 1.5	P=0.372	P=0.691	P=0.500N	P=0.492
POLY 6	P=0.349	P=0.693	P=0.487N	P=0.468
COCH-ARM / FISHERS	P=0.378	P=0.691N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.388	P=0.495	P=0.277N	P=0.312



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	2/41.25	3/41.35	5/43.15	2/40.47
POLY-3 PERCENT (g)	4.9%	7.3%	11.6%	4.9%
TERMINAL (d)	1/30 (3%)	2/30 (7%)	4/28 (14%)	1/18 (6%)
FIRST INCIDENCE	682	543	499	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.508N	P=0.501	P=0.234	P=0.688
POLY 1.5	P=0.498N	P=0.500	P=0.223	P=0.692
POLY 6	P=0.533N	P=0.505	P=0.245	P=0.676
COCH-ARM / FISHERS	P=0.494N	P=0.500	P=0.218	P=0.691N
MAX-ISO-POLY-3	P=0.441	P=0.324	P=0.136	P=0.491

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/42.13	0/40.76	1/42.47	1/40.09
POLY-3 PERCENT (g)	9.5%	0%	2.4%	2.5%
TERMINAL (d)	2/30 (7%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	369	---	729 (T)	705
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.322N	P=0.064N	P=0.175N	P=0.193N
POLY 1.5	P=0.319N	P=0.063N	P=0.181N	P=0.186N
POLY 6	P=0.330N	P=0.064N	P=0.169N	P=0.207N
COCH-ARM / FISHERS	P=0.321N	P=0.059N	P=0.181N	P=0.181N
MAX-ISO-POLY-3	P=0.050N*	P=0.022N*	P=0.082N	P=0.097N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	10/50 (20%)	11/50 (22%)	3/50 (6%)
POLY-3 RATE (b)	16/43.92	10/42.17	11/44.06	3/39.99
POLY-3 PERCENT (g)	36.4%	23.7%	25%	7.5%
TERMINAL (d)	8/30 (27%)	6/30 (20%)	7/28 (25%)	3/18 (17%)
FIRST INCIDENCE	571	567	499	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003N**	P=0.144N	P=0.173N	P<0.001N**
POLY 1.5	P=0.002N**	P=0.136N	P=0.183N	P<0.001N**
POLY 6	P=0.005N**	P=0.155N	P=0.169N	P=0.002N**
COCH-ARM / FISHERS	P=0.002N**	P=0.127N	P=0.184N	P<0.001N**
MAX-ISO-POLY-3	P=0.002N**	P=0.101N	P=0.120N	P<0.001N**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Renal Tubule Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	14/50 (28%)
POLY-3 RATE (b)	0/41.07	1/41.66	3/42.66	14/42.03
POLY-3 PERCENT (g)	0%	2.4%	7%	33.3%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	5/18 (28%)
FIRST INCIDENCE	---	339	696	409
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.503	P=0.125	P<0.001**
POLY 1.5	P<0.001**	P=0.502	P=0.121	P<0.001**
POLY 6	P<0.001**	P=0.505	P=0.131	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.121	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.162	P=0.043*	P<0.001**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Renal Tubule Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.79	0/40.76	0/42.47	2/41.50
POLY-3 PERCENT (g)	2.4%	0%	0%	4.8%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	472	---	---	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.185	P=0.505N	P=0.497N	P=0.497
POLY 1.5	P=0.186	P=0.503N	P=0.500N	P=0.501
POLY 6	P=0.180	P=0.506N	P=0.493N	P=0.487
COCH-ARM / FISHERS	P=0.183	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.138	P=0.165N	P=0.158N	P=0.279

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Foreign Body				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/41.07	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/30 (0%)	30/30 (100%)	28/28 (100%)	18/18 (100%)
FIRST INCIDENCE	---	339	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	2/40.60
POLY-3 PERCENT (g)	0%	0%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	---	---	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.234
POLY 1.5	P=0.040*	(e)	(e)	P=0.237
POLY 6	P=0.038*	(e)	(e)	P=0.227
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	5/50 (10%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/41.07	5/42.13	2/42.62	4/40.94
POLY-3 PERCENT (g)	4.9%	11.9%	4.7%	9.8%
TERMINAL (d)	2/30 (7%)	2/30 (7%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	729 (T)	530	705	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.450	P=0.225	P=0.681N	P=0.335
POLY 1.5	P=0.456	P=0.221	P=0.690N	P=0.338
POLY 6	P=0.436	P=0.234	P=0.670N	P=0.326
COCH-ARM / FISHERS	P=0.456	P=0.218	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.337	P=0.128	P=0.484N	P=0.198



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/41.07	2/40.91	0/42.47	1/40.00
POLY-3 PERCENT (g)	0%	4.9%	0%	2.5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	691	---	726
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.626	P=0.236	(e)	P=0.495
POLY 1.5	P=0.630	P=0.236	(e)	P=0.498
POLY 6	P=0.616	P=0.237	(e)	P=0.487
COCH-ARM / FISHERS	P=0.633	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.334	P=0.075	(e)	P=0.158

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/41.49	4/42.13	1/42.57	0/39.99
POLY-3 PERCENT (g)	4.8%	9.5%	2.4%	0%
TERMINAL (d)	1/30 (3%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	607	530	705	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.079N	P=0.344	P=0.491N	P=0.245N
POLY 1.5	P=0.076N	P=0.340	P=0.498N	P=0.240N
POLY 6	P=0.084N	P=0.350	P=0.483N	P=0.255N
COCH-ARM / FISHERS	P=0.075N	P=0.339	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.093N	P=0.207	P=0.275N	P=0.083N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	1/41.07	3/40.76	4/42.47	1/40.19
POLY-3 PERCENT (g)	2.4%	7.4%	9.4%	2.5%
TERMINAL (d)	1/30 (3%)	3/30 (10%)	4/28 (14%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	677
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.412N	P=0.302	P=0.188	P=0.756
POLY 1.5	P=0.404N	P=0.303	P=0.181	P=0.759
POLY 6	P=0.432N	P=0.303	P=0.196	P=0.749
COCH-ARM / FISHERS	P=0.401N	P=0.309	P=0.181	P=0.753N
MAX-ISO-POLY-3	P=0.351	P=0.152	P=0.093	P=0.493

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	5/50 (10%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	3/41.59	5/40.93	5/42.98	1/40.06
POLY-3 PERCENT (g)	7.2%	12.2%	11.6%	2.5%
TERMINAL (d)	2/30 (7%)	4/30 (13%)	4/28 (14%)	0/18 (0%)
FIRST INCIDENCE	571	687	576	711
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.147N	P=0.346	P=0.374	P=0.318N
POLY 1.5	P=0.140N	P=0.350	P=0.361	P=0.311N
POLY 6	P=0.164N	P=0.346	P=0.388	P=0.334N
COCH-ARM / FISHERS	P=0.136N	P=0.357	P=0.357	P=0.309N
MAX-ISO-POLY-3	P=0.172N	P=0.224	P=0.249	P=0.167N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	18/50 (36%)	14/50 (28%)	15/50 (30%)	8/50 (16%)
POLY-3 RATE (b)	18/41.73	14/40.80	15/43.13	8/40.81
POLY-3 PERCENT (g)	43.1%	34.3%	34.8%	19.6%
TERMINAL (d)	15/30 (50%)	13/30 (43%)	13/28 (46%)	4/18 (22%)
FIRST INCIDENCE	649	719	589	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.018N*	P=0.271N	P=0.282N	P=0.016N*
POLY 1.5	P=0.018N*	P=0.266N	P=0.317N	P=0.016N*
POLY 6	P=0.021N*	P=0.277N	P=0.248N	P=0.018N*
COCH-ARM / FISHERS	P=0.022N*	P=0.260N	P=0.335N	P=0.020N*
MAX-ISO-POLY-3	P=0.017N*	P=0.203N	P=0.215N	P=0.009N**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	8/50 (16%)	6/50 (12%)	6/50 (12%)
POLY-3 RATE (b)	3/41.07	8/41.82	6/42.47	6/40.50
POLY-3 PERCENT (g)	7.3%	19.1%	14.1%	14.8%
TERMINAL (d)	3/30 (10%)	6/30 (20%)	6/28 (21%)	3/18 (17%)
FIRST INCIDENCE	729 (T)	519	729 (T)	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.444	P=0.101	P=0.257	P=0.232
POLY 1.5	P=0.456	P=0.100	P=0.246	P=0.239
POLY 6	P=0.415	P=0.106	P=0.270	P=0.218
COCH-ARM / FISHERS	P=0.462	P=0.100	P=0.243	P=0.243
MAX-ISO-POLY-3	P=0.212	P=0.056	P=0.162	P=0.140

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Cyst				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/41.07	4/40.76	2/42.47	1/40.19
POLY-3 PERCENT (g)	4.9%	9.8%	4.7%	2.5%
TERMINAL (d)	2/30 (7%)	4/30 (13%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	677
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.238N	P=0.333	P=0.682N	P=0.508N
POLY 1.5	P=0.233N	P=0.334	P=0.691N	P=0.503N
POLY 6	P=0.249N	P=0.334	P=0.673N	P=0.519N
COCH-ARM / FISHERS	P=0.231N	P=0.339	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.282N	P=0.197	P=0.486N	P=0.288N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	1/40.76	1/42.47	2/39.99
POLY-3 PERCENT (g)	0%	2.5%	2.4%	5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	1/28 (4%)	2/18 (11%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.192	P=0.499	P=0.507	P=0.231
POLY 1.5	P=0.197	P=0.499	P=0.502	P=0.235
POLY 6	P=0.181	P=0.499	P=0.512	P=0.222
COCH-ARM / FISHERS	P=0.198	P=0.500	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.125	P=0.158	P=0.167	P=0.075



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Fatty Change</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	8/50 (16%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	4/41.18	8/42.17	4/42.61	3/40.74
POLY-3 PERCENT (g)	9.7%	19%	9.4%	7.4%
TERMINAL (d)	3/30 (10%)	5/30 (17%)	2/28 (7%)	1/18 (6%)
FIRST INCIDENCE	700	519	705	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.202N	P=0.185	P=0.625N	P=0.506N
POLY 1.5	P=0.197N	P=0.181	P=0.638N	P=0.501N
POLY 6	P=0.218N	P=0.194	P=0.610N	P=0.522N
COCH-ARM / FISHERS	P=0.197N	P=0.178	P=0.643N	P=0.500N
MAX-ISO-POLY-3	P=0.262N	P=0.116	P=0.479N	P=0.352N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/41.07	1/40.76	0/42.47	1/39.99
POLY-3 PERCENT (g)	0%	2.5%	0%	2.5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/41.07	2/42.01	3/43.25	1/39.99
POLY-3 PERCENT (g)	0%	4.8%	6.9%	2.5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	1/18 (6%)
FIRST INCIDENCE	---	514	499	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.615	P=0.242	P=0.128	P=0.495
POLY 1.5	P=0.625	P=0.240	P=0.122	P=0.498
POLY 6	P=0.590	P=0.246	P=0.134	P=0.487
COCH-ARM / FISHERS	P=0.632	P=0.247	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.211	P=0.080	P=0.046*	P=0.158

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/41.62	0/40.76	1/42.47	1/39.99
POLY-3 PERCENT (g)	4.8%	0%	2.4%	2.5%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	1/28 (4%)	1/18 (6%)
FIRST INCIDENCE	557	---	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.635N	P=0.241N	P=0.493N	P=0.514N
POLY 1.5	P=0.631N	P=0.240N	P=0.499N	P=0.506N
POLY 6	P=0.645N	P=0.242N	P=0.486N	P=0.530N
COCH-ARM / FISHERS	P=0.631N	P=0.247N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.297N	P=0.080N	P=0.276N	P=0.295N

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

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

Date Report Requested: 10/15/2014  
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Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Liver				
Mixed Cell Focus				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	1/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Necrosis				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	1/41.66	1/42.47	2/39.99
POLY-3 PERCENT (g)	0%	2.4%	2.4%	5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	2/18 (11%)
FIRST INCIDENCE	---	339	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.190	P=0.503	P=0.507	P=0.231
POLY 1.5	P=0.196	P=0.502	P=0.502	P=0.235
POLY 6	P=0.180	P=0.505	P=0.512	P=0.222
COCH-ARM / FISHERS	P=0.198	P=0.500	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.125	P=0.162	P=0.167	P=0.075

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver: Bile Duct Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	3/40.06
POLY-3 PERCENT (g)	0%	0%	0%	7.5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	2/18 (11%)
FIRST INCIDENCE	---	---	---	711
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.007**	(e)	(e)	P=0.113
POLY 1.5	P=0.008**	(e)	(e)	P=0.117
POLY 6	P=0.007**	(e)	(e)	P=0.107
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	50/50 (100%)	49/50 (98%)	49/50 (98%)
POLY-3 RATE (b)	2/41.56	50/50.00	49/49.01	49/49.99
POLY-3 PERCENT (g)	4.8%	100%	100%	98%
TERMINAL (d)	1/30 (3%)	30/30 (100%)	28/28 (100%)	18/18 (100%)
FIRST INCIDENCE	582	339	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	1/41.79	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	2.4%	100%	100%	100%
TERMINAL (d)	0/30 (0%)	30/30 (100%)	28/28 (100%)	18/18 (100%)
FIRST INCIDENCE	472	339	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/42.29	2/41.47	1/42.53	3/40.20
POLY-3 PERCENT (g)	4.7%	4.8%	2.4%	7.5%
TERMINAL (d)	0/30 (0%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	472	486	714	705
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.360	P=0.687	P=0.498N	P=0.477
POLY 1.5	P=0.370	P=0.689	P=0.502N	P=0.489
POLY 6	P=0.342	P=0.687	P=0.493N	P=0.455
COCH-ARM / FISHERS	P=0.378	P=0.691N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.384	P=0.491	P=0.279N	P=0.307

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	18/50 (36%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	18/44.32	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	40.6%	100%	100%	100%
TERMINAL (d)	10/30 (33%)	30/30 (100%)	28/28 (100%)	18/18 (100%)
FIRST INCIDENCE	472	339	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	9/50 (18%)
POLY-3 RATE (b)	1/41.07	2/41.40	2/42.47	9/41.90
POLY-3 PERCENT (g)	2.4%	4.8%	4.7%	21.5%
TERMINAL (d)	1/30 (3%)	1/30 (3%)	2/28 (7%)	2/18 (11%)
FIRST INCIDENCE	729 (T)	519	729 (T)	534
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.503	P=0.512	P=0.008**
POLY 1.5	P<0.001**	P=0.501	P=0.503	P=0.008**
POLY 6	P<0.001**	P=0.507	P=0.521	P=0.008**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.500	P=0.008**
MAX-ISO-POLY-3	P<0.001**	P=0.283	P=0.293	P=0.003**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Proteinosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	47/50 (94%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/41.07	47/49.36	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	95.2%	100%	100%
TERMINAL (d)	0/30 (0%)	28/30 (93%)	28/28 (100%)	18/18 (100%)
FIRST INCIDENCE	---	339	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	50/50 (100%)	48/50 (96%)	49/50 (98%)
POLY-3 RATE (b)	4/41.36	50/50.00	48/48.97	49/49.96
POLY-3 PERCENT (g)	9.7%	100%	98%	98.1%
TERMINAL (d)	3/30 (10%)	30/30 (100%)	28/28 (100%)	18/18 (100%)
FIRST INCIDENCE	649	339	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Alveolar Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	1/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Alveolus Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	12/50 (24%)	24/50 (48%)	28/50 (56%)
POLY-3 RATE (b)	0/41.07	12/41.88	24/43.91	28/46.85
POLY-3 PERCENT (g)	0%	28.7%	54.7%	59.8%
TERMINAL (d)	0/30 (0%)	8/30 (27%)	15/28 (54%)	6/18 (33%)
FIRST INCIDENCE	---	536	534	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/41.07	0/40.76	1/42.57	1/40.60
POLY-3 PERCENT (g)	0%	0%	2.4%	2.5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	705	534
<b>STATISTICAL TESTS</b>				
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Lung: Artery Necrosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Bronchiole, Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	34/50 (68%)	36/50 (72%)	33/50 (66%)
POLY-3 RATE (b)	3/41.79	34/45.95	36/46.48	33/46.37
POLY-3 PERCENT (g)	7.2%	74%	77.5%	71.2%
TERMINAL (d)	2/30 (7%)	21/30 (70%)	21/28 (75%)	12/18 (67%)
FIRST INCIDENCE	472	499	534	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Perivascular Infiltration Cellular Lymphocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	25/50 (50%)	19/50 (38%)	9/50 (18%)
POLY-3 RATE (b)	3/41.25	25/44.46	19/44.89	9/41.82
POLY-3 PERCENT (g)	7.3%	56.2%	42.3%	21.5%
TERMINAL (d)	2/30 (7%)	15/30 (50%)	10/28 (36%)	2/18 (11%)
FIRST INCIDENCE	680	514	534	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.161N	P<0.001**	P<0.001**	P=0.059
POLY 1.5	P=0.162N	P<0.001**	P<0.001**	P=0.060
POLY 6	P=0.174N	P<0.001**	P<0.001**	P=0.057
COCH-ARM / FISHERS	P=0.191N	P<0.001**	P<0.001**	P=0.061
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P=0.031*

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Bronchial Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/41 (0%)	35/40 (88%)	45/48 (94%)	42/47 (89%)
POLY-3 RATE (b)	0/33.89	35/39.28	45/47.82	42/46.01
POLY-3 PERCENT (g)	0%	89.1%	94.1%	91.3%
TERMINAL (d)	0/27 (0%)	21/24 (88%)	27/28 (96%)	16/18 (89%)
FIRST INCIDENCE	---	486	113	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Bronchial Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/41 (0%)	21/40 (53%)	29/48 (60%)	26/47 (55%)
POLY-3 RATE (b)	0/33.89	21/35.40	29/46.27	26/41.41
POLY-3 PERCENT (g)	0%	59.3%	62.7%	62.8%
TERMINAL (d)	0/27 (0%)	14/24 (58%)	17/28 (61%)	11/18 (61%)
FIRST INCIDENCE	---	521	113	534
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Bronchial Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/41 (2%)	4/40 (10%)	5/48 (10%)	10/47 (21%)
POLY-3 RATE (b)	1/33.89	4/33.71	5/42.12	10/39.38
POLY-3 PERCENT (g)	3%	11.9%	11.9%	25.4%
TERMINAL (d)	1/27 (4%)	3/24 (13%)	3/28 (11%)	6/18 (33%)
FIRST INCIDENCE	729 (T)	499	696	459
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.006**	P=0.174	P=0.157	P=0.007**
POLY 1.5	P=0.006**	P=0.174	P=0.150	P=0.008**
POLY 6	P=0.004**	P=0.172	P=0.163	P=0.006**
COCH-ARM / FISHERS	P=0.007**	P=0.172	P=0.142	P=0.007**
MAX-ISO-POLY-3	P=0.005**	P=0.080	P=0.090	P=0.003**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mandibular Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/45 (0%)	0/46 (0%)	0/48 (0%)	0/45 (0%)
POLY-3 RATE (b)	0/36.07	0/36.94	0/40.90	0/36.43
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/27 (0%)	0/27 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mandibular Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/45 (0%)	1/46 (2%)	2/48 (4%)	0/45 (0%)
POLY-3 RATE (b)	0/36.07	1/36.94	2/41.89	0/36.43
POLY-3 PERCENT (g)	0%	2.7%	4.8%	0%
TERMINAL (d)	0/25 (0%)	1/27 (4%)	1/27 (4%)	0/18 (0%)
FIRST INCIDENCE	---	729 (T)	113	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.506N	P=0.505	P=0.271	(e)
POLY 1.5	P=0.506N	P=0.504	P=0.262	(e)
POLY 6	P=0.511N	P=0.507	P=0.283	(e)
COCH-ARM / FISHERS	P=0.509N	P=0.505	P=0.264	(e)
MAX-ISO-POLY-3	P=0.353N	P=0.163	P=0.105	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mediastinal Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/42 (0%)	41/45 (91%)	41/49 (84%)	43/49 (88%)
POLY-3 RATE (b)	0/35.05	41/44.20	41/46.54	43/48.12
POLY-3 PERCENT (g)	0%	92.8%	88.1%	89.4%
TERMINAL (d)	0/27 (0%)	25/27 (93%)	23/27 (85%)	14/18 (78%)
FIRST INCIDENCE	---	339	499	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mediastinal Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/42 (2%)	24/45 (53%)	30/49 (61%)	26/49 (53%)
POLY-3 RATE (b)	1/35.31	24/39.50	30/45.76	26/45.13
POLY-3 PERCENT (g)	2.8%	60.8%	65.6%	57.6%
TERMINAL (d)	0/27 (0%)	17/27 (63%)	16/27 (59%)	10/18 (56%)
FIRST INCIDENCE	659	530	499	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.002**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.004**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.003**	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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mediastinal Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	24/42 (57%)	23/45 (51%)	29/49 (59%)	26/49 (53%)
POLY-3 RATE (b)	24/37.56	23/39.42	29/45.45	26/44.01
POLY-3 PERCENT (g)	63.9%	58.3%	63.8%	59.1%
TERMINAL (d)	19/27 (70%)	14/27 (52%)	16/27 (59%)	11/18 (61%)
FIRST INCIDENCE	369	519	159	459
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.440N	P=0.391N	P=0.590N	P=0.410N
POLY 1.5	P=0.445N	P=0.391N	P=0.541	P=0.418N
POLY 6	P=0.461N	P=0.362N	P=0.518N	P=0.407N
COCH-ARM / FISHERS	P=0.472N	P=0.364N	P=0.506	P=0.429N
MAX-ISO-POLY-3	P=0.524N	P=0.303N	P=0.496N	P=0.327N

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

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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mesenteric Angiomatous Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/41.07	1/41.40	0/42.47	3/42.17
POLY-3 PERCENT (g)	0%	2.4%	0%	7.1%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	521	---	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.043*	P=0.502	(e)	P=0.123
POLY 1.5	P=0.043*	P=0.501	(e)	P=0.123
POLY 6	P=0.041*	P=0.504	(e)	P=0.119
COCH-ARM / FISHERS	P=0.043*	P=0.500	(e)	P=0.121
MAX-ISO-POLY-3	P=0.029*	P=0.160	(e)	P=0.041*

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

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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mesenteric Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	2/40.67
POLY-3 PERCENT (g)	0%	0%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	---	---	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.234
POLY 1.5	P=0.041*	(e)	(e)	P=0.237
POLY 6	P=0.038*	(e)	(e)	P=0.228
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node: Iliac Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/4 (0%)	2/7 (29%)	0/7 (0%)
POLY-3 RATE (b)	0/1.58	0/2.16	2/6.72	0/4.03
POLY-3 PERCENT (g)	0%	0%	29.8%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	2/5 (40%)	0/0 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.569N	(e)	P=0.585	(e)
POLY 1.5	P=0.537N	(e)	P=0.565	(e)
POLY 6	P=0.621N	(e)	P=0.612	(e)
COCH-ARM / FISHERS	P=0.518N	(e)	P=0.583	(e)
MAX-ISO-POLY-3	P=0.491N	(e)	P=0.300	(e)

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 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node: Lumbar Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	2/4 (50%)	2/7 (29%)	3/7 (43%)
POLY-3 RATE (b)	0/1.58	2/2.95	2/7.00	3/4.47
POLY-3 PERCENT (g)	0%	67.8%	28.6%	67.2%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	534	682	673
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.283	P=0.338	P=0.592	P=0.258
POLY 1.5	P=0.350	P=0.342	P=0.569	P=0.321
POLY 6	P=0.226	P=0.363	P=0.623	P=0.182
COCH-ARM / FISHERS	P=0.447	P=0.400	P=0.583	P=0.417
MAX-ISO-POLY-3	P=0.181	P=0.095	P=0.309	P=0.064



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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node: Renal Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/2 (50%)	0/4 (0%)	0/7 (0%)	2/7 (29%)
POLY-3 RATE (b)	1/2.00	0/2.16	0/6.72	2/5.32
POLY-3 PERCENT (g)	50%	0%	0%	37.6%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	607	---	---	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.410	P=0.482N	P=0.208N	P=0.701N
POLY 1.5	P=0.397	P=0.424N	P=0.205N	P=0.659N
POLY 6	P=0.416	P=0.553N	P=0.214N	P=0.761N
COCH-ARM / FISHERS	P=0.361	P=0.333N	P=0.222N	P=0.583N
MAX-ISO-POLY-3	P=0.230N	P=0.145N	P=0.031N*	P=0.396N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mammary Gland</b>				
<b>Galactocele</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/6 (0%)	1/9 (11%)	1/7 (14%)	0/8 (0%)
POLY-3 RATE (b)	0/5.06	1/8.71	1/6.27	0/5.92
POLY-3 PERCENT (g)	0%	11.5%	16%	0%
TERMINAL (d)	0/3 (0%)	0/7 (0%)	1/3 (33%)	0/2 (0%)
FIRST INCIDENCE	---	687	729 (T)	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mammary Gland</b>				
<b>Granuloma Lipomatous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/6 (0%)	0/9 (0%)	0/7 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/5.06	0/8.54	0/6.27	0/5.92
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/3 (0%)	0/7 (0%)	0/3 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mammary Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/6 (0%)	0/9 (0%)	0/7 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/5.06	0/8.54	0/6.27	0/5.92
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/3 (0%)	0/7 (0%)	0/3 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mediastinum: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	1/1 (100%)	2/2 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/0.00	1/1.00	2/2.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	1/1 (100%)	3/3 (100%)
FIRST INCIDENCE	---	514	718	534
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mediastinum: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	0/1 (0%)	2/2 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/0.00	0/0.35	2/2.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	100%	90%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	1/1 (100%)	2/3 (67%)
FIRST INCIDENCE	---	---	718	534
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.294	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mesentery: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	6/50 (12%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	6/40.79
POLY-3 PERCENT (g)	0%	0%	0%	14.7%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	---	---	6/73
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P=0.014*
POLY 1.5	P<0.001**	(e)	(e)	P=0.015*
POLY 6	P<0.001**	(e)	(e)	P=0.013*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.004**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mesentery: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	3/40.39
POLY-3 PERCENT (g)	0%	0%	0%	7.4%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	683
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.008**	(e)	(e)	P=0.115
POLY 1.5	P=0.008**	(e)	(e)	P=0.117
POLY 6	P=0.007**	(e)	(e)	P=0.110
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mesentery: Fat Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/41.25	4/41.71	3/42.47	2/40.72
POLY-3 PERCENT (g)	2.4%	9.6%	7.1%	4.9%
TERMINAL (d)	0/30 (0%)	2/30 (7%)	3/28 (11%)	0/18 (0%)
FIRST INCIDENCE	680	514	729 (T)	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.548N	P=0.181	P=0.315	P=0.495
POLY 1.5	P=0.542N	P=0.180	P=0.308	P=0.499
POLY 6	P=0.565N	P=0.184	P=0.323	P=0.486
COCH-ARM / FISHERS	P=0.539N	P=0.181	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.301	P=0.086	P=0.164	P=0.277

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	17/50 (34%)	40/50 (80%)
POLY-3 RATE (b)	0/41.07	0/40.47	17/44.55	40/47.06
POLY-3 PERCENT (g)	0%	0%	38.2%	85%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	10/28 (36%)	15/18 (83%)
FIRST INCIDENCE	---	---	499	498
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	4/49 (8%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	4/41.79	4/41.62	6/43.49	7/40.80
POLY-3 PERCENT (g)	9.6%	9.6%	13.8%	17.2%
TERMINAL (d)	3/30 (10%)	1/30 (3%)	0/28 (0%)	2/18 (11%)
FIRST INCIDENCE	472	499	537	673
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.166	P=0.642	P=0.394	P=0.244
POLY 1.5	P=0.177	P=0.636	P=0.377	P=0.253
POLY 6	P=0.148	P=0.637N	P=0.418	P=0.229
COCH-ARM / FISHERS	P=0.186	P=0.631	P=0.370	P=0.262
MAX-ISO-POLY-3	P=0.252	P=0.497	P=0.277	P=0.157

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.47	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Glands, Respiratory Epithelium Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.07	0/40.47	0/42.47	2/39.99
POLY-3 PERCENT (g)	2.4%	0%	0%	5%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	0/28 (0%)	2/18 (11%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.180	P=0.503N	P=0.493N	P=0.491
POLY 1.5	P=0.183	P=0.504N	P=0.498N	P=0.496
POLY 6	P=0.172	P=0.501N	P=0.488N	P=0.477
COCH-ARM / FISHERS	P=0.185	P=0.505N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.136	P=0.161N	P=0.158N	P=0.274

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	15/49 (31%)	15/50 (30%)	18/50 (36%)
POLY-3 RATE (b)	16/42.88	15/41.65	15/44.06	18/43.36
POLY-3 PERCENT (g)	37.3%	36%	34%	41.5%
TERMINAL (d)	12/30 (40%)	11/30 (37%)	10/28 (36%)	9/18 (50%)
FIRST INCIDENCE	477	543	576	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.337	P=0.541N	P=0.462N	P=0.428
POLY 1.5	P=0.343	P=0.537N	P=0.493N	P=0.431
POLY 6	P=0.304	P=0.537N	P=0.423N	P=0.400
COCH-ARM / FISHERS	P=0.326	P=0.527N	P=0.500N	P=0.417
MAX-ISO-POLY-3	P=0.466	P=0.449N	P=0.374N	P=0.342

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.47	1/42.78	0/39.99
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	646	---
<b>STATISTICAL TESTS</b>				
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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

---

Nose: Respiratory Epithelium  
Accumulation, Hyaline Droplet

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.47	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	15/49 (31%)	13/50 (26%)	25/50 (50%)
POLY-3 RATE (b)	6/42.58	15/43.60	13/43.71	25/45.92
POLY-3 PERCENT (g)	14.1%	34.4%	29.7%	54.4%
TERMINAL (d)	2/30 (7%)	8/30 (27%)	7/28 (25%)	5/18 (28%)
FIRST INCIDENCE	472	514	537	498
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.023*	P=0.065	P<0.001**
POLY 1.5	P<0.001**	P=0.021*	P=0.060	P<0.001**
POLY 6	P<0.001**	P=0.026*	P=0.072	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.021*	P=0.062	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.013*	P=0.039*	P<0.001**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	6/50 (12%)
POLY-3 RATE (b)	0/41.07	0/40.47	2/43.08	6/40.67
POLY-3 PERCENT (g)	0%	0%	4.6%	14.8%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	2/18 (11%)
FIRST INCIDENCE	---	---	589	673
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.248	P=0.014*
POLY 1.5	P<0.001**	(e)	P=0.241	P=0.015*
POLY 6	P<0.001**	(e)	P=0.256	P=0.013*
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.247	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.086	P=0.004**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/49 (0%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/41.07	0/40.47	3/43.17	1/40.46
POLY-3 PERCENT (g)	2.4%	0%	7%	2.5%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	---	537	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.553	P=0.503N	P=0.323	P=0.758
POLY 1.5	P=0.560	P=0.504N	P=0.312	P=0.760
POLY 6	P=0.534	P=0.501N	P=0.336	P=0.752
COCH-ARM / FISHERS	P=0.562	P=0.505N	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.291	P=0.161N	P=0.172	P=0.495

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Regeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.47	0/42.47	2/40.33
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	680
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.233
POLY 1.5	P=0.041*	(e)	(e)	P=0.236
POLY 6	P=0.038*	(e)	(e)	P=0.226
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/50 (30%)	12/50 (24%)	14/50 (28%)	20/50 (40%)
POLY-3 RATE (b)	15/43.10	12/42.62	14/44.74	20/44.06
POLY-3 PERCENT (g)	34.8%	28.2%	31.3%	45.4%
TERMINAL (d)	10/30 (33%)	8/30 (27%)	7/28 (25%)	9/18 (50%)
FIRST INCIDENCE	427	521	113	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.075	P=0.332N	P=0.451N	P=0.210
POLY 1.5	P=0.075	P=0.332N	P=0.477N	P=0.208
POLY 6	P=0.070	P=0.328N	P=0.421N	P=0.203
COCH-ARM / FISHERS	P=0.072	P=0.326N	P=0.500N	P=0.201
MAX-ISO-POLY-3	P=0.122	P=0.254N	P=0.364N	P=0.154

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/41.07	4/41.62	0/42.47	0/39.99
POLY-3 PERCENT (g)	7.3%	9.6%	0%	0%
TERMINAL (d)	3/30 (10%)	2/30 (7%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	603	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040N*	P=0.507	P=0.112N	P=0.123N
POLY 1.5	P=0.039N*	P=0.503	P=0.117N	P=0.120N
POLY 6	P=0.042N*	P=0.518	P=0.107N	P=0.129N
COCH-ARM / FISHERS	P=0.040N*	P=0.500	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.050N*	P=0.354	P=0.038N*	P=0.041N*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/41.07	0/40.76	2/42.47	2/40.27
POLY-3 PERCENT (g)	2.4%	0%	4.7%	5%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	2/28 (7%)	1/18 (6%)
FIRST INCIDENCE	729 (T)	---	729 (T)	654
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.257	P=0.501N	P=0.512	P=0.493
POLY 1.5	P=0.262	P=0.501N	P=0.503	P=0.498
POLY 6	P=0.244	P=0.501N	P=0.521	P=0.482
COCH-ARM / FISHERS	P=0.263	P=0.500N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.273	P=0.160N	P=0.293	P=0.276

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas: Artery Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	1/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	8/50 (16%)
POLY-3 RATE (b)	1/41.07	0/40.76	2/42.47	8/42.23
POLY-3 PERCENT (g)	2.4%	0%	4.7%	19%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	2/28 (7%)	1/18 (6%)
FIRST INCIDENCE	729 (T)	---	729 (T)	409
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.501N	P=0.512	P=0.017*
POLY 1.5	P<0.001**	P=0.501N	P=0.503	P=0.017*
POLY 6	P<0.001**	P=0.501N	P=0.521	P=0.016*
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.500	P=0.015*
MAX-ISO-POLY-3	P<0.001**	P=0.160N	P=0.293	P=0.007**

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/41.07	0/40.76	1/42.47	4/40.45
POLY-3 PERCENT (g)	0%	0%	2.4%	9.9%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	---	---	729 (T)	680
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004**	(e)	P=0.507	P=0.057
POLY 1.5	P=0.005**	(e)	P=0.502	P=0.059
POLY 6	P=0.004**	(e)	P=0.512	P=0.054
COCH-ARM / FISHERS	P=0.005**	(e)	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.007**	(e)	P=0.167	P=0.019*

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

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 Antimony trioxide  
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Parathyroid Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/44 (9%)	0/46 (0%)	1/46 (2%)	1/48 (2%)
POLY-3 RATE (b)	4/37.59	0/37.53	1/38.53	1/38.79
POLY-3 PERCENT (g)	10.6%	0%	2.6%	2.6%
TERMINAL (d)	3/28 (11%)	0/28 (0%)	1/25 (4%)	1/18 (6%)
FIRST INCIDENCE	607	---	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.295N	P=0.059N	P=0.169N	P=0.167N
POLY 1.5	P=0.294N	P=0.057N	P=0.171N	P=0.160N
POLY 6	P=0.302N	P=0.061N	P=0.169N	P=0.182N
COCH-ARM / FISHERS	P=0.299N	P=0.053N	P=0.167N	P=0.155N
MAX-ISO-POLY-3	P=0.036N*	P=0.020N*	P=0.078N	P=0.077N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pituitary Gland Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	2.4%	0%	0%	0%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	11/50 (22%)	14/50 (28%)	15/50 (30%)
POLY-3 RATE (b)	11/41.49	11/42.14	14/43.38	15/42.04
POLY-3 PERCENT (g)	26.5%	26.1%	32.3%	35.7%
TERMINAL (d)	10/30 (33%)	7/30 (23%)	10/28 (36%)	6/18 (33%)
FIRST INCIDENCE	607	530	607	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.180	P=0.582N	P=0.365	P=0.249
POLY 1.5	P=0.185	P=0.590N	P=0.334	P=0.250
POLY 6	P=0.168	P=0.563N	P=0.405	P=0.245
COCH-ARM / FISHERS	P=0.185	P=0.595N	P=0.322	P=0.247
MAX-ISO-POLY-3	P=0.287	P=0.482N	P=0.283	P=0.181

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pituitary Gland: Pars Intermedia Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/41.07	4/41.36	0/42.47	1/40.60
POLY-3 PERCENT (g)	2.4%	9.7%	0%	2.5%
TERMINAL (d)	1/30 (3%)	3/30 (10%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	536	---	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.323N	P=0.180	P=0.493N	P=0.759
POLY 1.5	P=0.321N	P=0.179	P=0.498N	P=0.760
POLY 6	P=0.329N	P=0.182	P=0.488N	P=0.752
COCH-ARM / FISHERS	P=0.321N	P=0.181	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.197N	P=0.085	P=0.158N	P=0.496

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 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Preputial Gland Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/41.07	1/40.76	4/43.15	0/39.99
POLY-3 PERCENT (g)	2.4%	2.5%	9.3%	0%
TERMINAL (d)	1/30 (3%)	1/30 (3%)	3/28 (11%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	499	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.347N	P=0.759	P=0.193	P=0.505N
POLY 1.5	P=0.339N	P=0.759	P=0.184	P=0.502N
POLY 6	P=0.369N	P=0.761	P=0.204	P=0.513N
COCH-ARM / FISHERS	P=0.337N	P=0.753N	P=0.181	P=0.500N
MAX-ISO-POLY-3	P=0.209N	P=0.497	P=0.097	P=0.165N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Preputial Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	5/50 (10%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	7/41.75	5/41.66	4/42.47	4/40.39
POLY-3 PERCENT (g)	16.8%	12%	9.4%	9.9%
TERMINAL (d)	5/30 (17%)	4/30 (13%)	4/28 (14%)	2/18 (11%)
FIRST INCIDENCE	607	339	729 (T)	673
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.296N	P=0.379N	P=0.249N	P=0.278N
POLY 1.5	P=0.286N	P=0.378N	P=0.260N	P=0.268N
POLY 6	P=0.317N	P=0.382N	P=0.240N	P=0.301N
COCH-ARM / FISHERS	P=0.279N	P=0.380N	P=0.262N	P=0.262N
MAX-ISO-POLY-3	P=0.271N	P=0.268N	P=0.161N	P=0.184N



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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Prostate Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	6/50 (12%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	1/41.87	6/41.45	5/43.76	4/40.54
POLY-3 PERCENT (g)	2.4%	14.5%	11.4%	9.9%
TERMINAL (d)	0/30 (0%)	4/30 (13%)	2/28 (7%)	2/18 (11%)
FIRST INCIDENCE	427	567	576	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.438	P=0.053	P=0.111	P=0.168
POLY 1.5	P=0.451	P=0.054	P=0.104	P=0.174
POLY 6	P=0.410	P=0.054	P=0.121	P=0.157
COCH-ARM / FISHERS	P=0.463	P=0.056	P=0.102	P=0.181
MAX-ISO-POLY-3	P=0.120	P=0.023*	P=0.053	P=0.080

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Prostate Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	3/50 (6%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	8/42.95	3/41.35	5/43.49	3/40.93
POLY-3 PERCENT (g)	18.6%	7.3%	11.5%	7.3%
TERMINAL (d)	4/30 (13%)	2/30 (7%)	2/28 (7%)	1/18 (6%)
FIRST INCIDENCE	472	543	499	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.192N	P=0.108N	P=0.266N	P=0.111N
POLY 1.5	P=0.185N	P=0.105N	P=0.276N	P=0.104N
POLY 6	P=0.210N	P=0.112N	P=0.256N	P=0.128N
COCH-ARM / FISHERS	P=0.184N	P=0.100N	P=0.277N	P=0.100N
MAX-ISO-POLY-3	P=0.088N	P=0.062N	P=0.179N	P=0.065N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Prostate: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	18/50 (36%)	21/50 (42%)	13/50 (26%)
POLY-3 RATE (b)	9/41.79	18/43.61	21/45.29	13/42.28
POLY-3 PERCENT (g)	21.5%	41.3%	46.4%	30.8%
TERMINAL (d)	8/30 (27%)	12/30 (40%)	13/28 (46%)	5/18 (28%)
FIRST INCIDENCE	472	486	534	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.532N	P=0.038*	P=0.011*	P=0.235
POLY 1.5	P=0.523N	P=0.035*	P=0.008**	P=0.237
POLY 6	P=0.553	P=0.045*	P=0.017*	P=0.228
COCH-ARM / FISHERS	P=0.523N	P=0.035*	P=0.008**	P=0.235
MAX-ISO-POLY-3	P=0.065	P=0.024*	P=0.008**	P=0.167

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Salivary Glands Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	2/41.88	0/42.47	2/40.37
POLY-3 PERCENT (g)	0%	4.8%	0%	5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	499	---	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.289	P=0.241	(e)	P=0.233
POLY 1.5	P=0.293	P=0.239	(e)	P=0.236
POLY 6	P=0.282	P=0.245	(e)	P=0.226
COCH-ARM / FISHERS	P=0.295	P=0.247	(e)	P=0.247
MAX-ISO-POLY-3	P=0.123	P=0.080	(e)	P=0.075

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Seminal Vesicle Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/42.59	0/40.76	0/42.47	1/40.67
POLY-3 PERCENT (g)	4.7%	0%	0%	2.5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	427	---	---	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.662N	P=0.247N	P=0.237N	P=0.516N
POLY 1.5	P=0.662N	P=0.243N	P=0.240N	P=0.508N
POLY 6	P=0.664N	P=0.249N	P=0.234N	P=0.531N
COCH-ARM / FISHERS	P=0.666N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.157N	P=0.085N	P=0.076N	P=0.298N

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

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

Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin</b>				
<b>Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	4.9%	0%	0%	0%
TERMINAL (d)	2/30 (7%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.257N	P=0.238N	P=0.229N	P=0.243N
POLY 1.5	P=0.256N	P=0.238N	P=0.235N	P=0.239N
POLY 6	P=0.258N	P=0.237N	P=0.223N	P=0.251N
COCH-ARM / FISHERS	P=0.258N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.039N*	P=0.077N	P=0.076N	P=0.081N

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

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

Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	22/50 (44%)	30/50 (60%)	28/50 (56%)	32/50 (64%)
POLY-3 RATE (b)	22/44.28	30/44.81	28/45.09	32/45.80
POLY-3 PERCENT (g)	49.7%	67%	62.1%	69.9%
TERMINAL (d)	13/30 (43%)	18/30 (60%)	18/28 (64%)	8/18 (44%)
FIRST INCIDENCE	582	514	113	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.091	P=0.068	P=0.160	P=0.035*
POLY 1.5	P=0.087	P=0.070	P=0.155	P=0.034*
POLY 6	P=0.097	P=0.071	P=0.160	P=0.037*
COCH-ARM / FISHERS	P=0.083	P=0.080	P=0.159	P=0.035*
MAX-ISO-POLY-3	P=0.035*	P=0.044*	P=0.114	P=0.023*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	17/50 (34%)	23/50 (46%)	23/50 (46%)	28/50 (56%)
POLY-3 RATE (b)	17/44.28	23/44.04	23/44.61	28/45.33
POLY-3 PERCENT (g)	38.4%	52.2%	51.6%	61.8%
TERMINAL (d)	8/30 (27%)	13/30 (43%)	15/28 (54%)	5/18 (28%)
FIRST INCIDENCE	582	514	113	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.035*	P=0.133	P=0.146	P=0.019*
POLY 1.5	P=0.035*	P=0.140	P=0.147	P=0.019*
POLY 6	P=0.035*	P=0.129	P=0.137	P=0.018*
COCH-ARM / FISHERS	P=0.035*	P=0.154	P=0.154	P=0.022*
MAX-ISO-POLY-3	P=0.020*	P=0.092	P=0.102	P=0.011*



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Skin: Epidermis				
Necrosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	41/50 (82%)	45/50 (90%)	43/50 (86%)	46/50 (92%)
POLY-3 RATE (b)	41/46.61	45/46.96	43/47.22	46/48.85
POLY-3 PERCENT (g)	88%	95.8%	91.1%	94.2%
TERMINAL (d)	28/30 (93%)	30/30 (100%)	25/28 (89%)	16/18 (89%)
FIRST INCIDENCE	369	499	113	409
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.341	P=0.116	P=0.433	P=0.216
POLY 1.5	P=0.253	P=0.135	P=0.381	P=0.162
POLY 6	P=0.470	P=0.119	P=0.524	P=0.314
COCH-ARM / FISHERS	P=0.168	P=0.194	P=0.393	P=0.117
MAX-ISO-POLY-3	P=0.170	P=0.050*	P=0.296	P=0.123

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Forestomach Edema</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	2/40.13
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	---	---	694
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.039*	(e)	(e)	P=0.231
POLY 1.5	P=0.040*	(e)	(e)	P=0.235
POLY 6	P=0.037*	(e)	(e)	P=0.224
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Forestomach Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	7/50 (14%)	4/50 (8%)	7/50 (14%)
POLY-3 RATE (b)	2/41.59	7/43.03	4/43.02	7/41.35
POLY-3 PERCENT (g)	4.8%	16.3%	9.3%	16.9%
TERMINAL (d)	1/30 (3%)	3/30 (10%)	2/28 (7%)	3/18 (17%)
FIRST INCIDENCE	571	499	576	590
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.173	P=0.085	P=0.352	P=0.075
POLY 1.5	P=0.180	P=0.083	P=0.341	P=0.078
POLY 6	P=0.160	P=0.091	P=0.365	P=0.069
COCH-ARM / FISHERS	P=0.184	P=0.080	P=0.339	P=0.080
MAX-ISO-POLY-3	P=0.073	P=0.045*	P=0.216	P=0.037*

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/41.79	0/40.76	0/42.47	1/39.99
POLY-3 PERCENT (g)	2.4%	0%	0%	2.5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	472	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Glandular Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/41.79	0/40.76	1/42.47	3/40.84
POLY-3 PERCENT (g)	2.4%	0%	2.4%	7.4%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	472	---	729 (T)	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.076	P=0.505N	P=0.757N	P=0.296
POLY 1.5	P=0.078	P=0.503N	P=0.760	P=0.302
POLY 6	P=0.072	P=0.506N	P=0.753N	P=0.285
COCH-ARM / FISHERS	P=0.078	P=0.500N	P=0.753N	P=0.309
MAX-ISO-POLY-3	P=0.087	P=0.165N	P=0.495N	P=0.150

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Testes</b>				
<b>Edema</b>				
<b>LESION RATES</b>				
OVERALL (a)	30/50 (60%)	37/50 (74%)	31/50 (62%)	26/50 (52%)
POLY-3 RATE (b)	30/44.88	37/45.89	31/44.19	26/45.09
POLY-3 PERCENT (g)	66.9%	80.6%	70.2%	57.7%
TERMINAL (d)	21/30 (70%)	24/30 (80%)	21/28 (75%)	9/18 (50%)
FIRST INCIDENCE	557	514	589	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.037N*	P=0.092	P=0.455	P=0.240N
POLY 1.5	P=0.041N*	P=0.091	P=0.449	P=0.247N
POLY 6	P=0.040N*	P=0.102	P=0.458	P=0.245N
COCH-ARM / FISHERS	P=0.061N	P=0.101	P=0.500	P=0.273N
MAX-ISO-POLY-3	P=0.060N	P=0.059	P=0.363	P=0.177N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Testes: Germinal Epithelium Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	6/50 (12%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	3/41.07	6/41.20	6/43.25	4/40.58
POLY-3 PERCENT (g)	7.3%	14.6%	13.9%	9.9%
TERMINAL (d)	3/30 (10%)	5/30 (17%)	4/28 (14%)	1/18 (6%)
FIRST INCIDENCE	729 (T)	603	537	649
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.534N	P=0.241	P=0.267	P=0.493
POLY 1.5	P=0.525N	P=0.241	P=0.251	P=0.498
POLY 6	P=0.556N	P=0.246	P=0.286	P=0.481
COCH-ARM / FISHERS	P=0.522N	P=0.243	P=0.243	P=0.500
MAX-ISO-POLY-3	P=0.360	P=0.145	P=0.171	P=0.341



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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thymus</b>				
<b>Depletion Cellular</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/41 (12%)	6/35 (17%)	6/47 (13%)	9/45 (20%)
POLY-3 RATE (b)	5/36.40	6/31.61	6/42.70	9/38.05
POLY-3 PERCENT (g)	13.7%	19%	14.1%	23.7%
TERMINAL (d)	1/25 (4%)	1/21 (5%)	1/27 (4%)	1/16 (6%)
FIRST INCIDENCE	427	499	159	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.197	P=0.399	P=0.611	P=0.211
POLY 1.5	P=0.215	P=0.395	P=0.601	P=0.227
POLY 6	P=0.174	P=0.407	P=0.624	P=0.191
COCH-ARM / FISHERS	P=0.237	P=0.387	P=0.597	P=0.247
MAX-ISO-POLY-3	P=0.217	P=0.286	P=0.484	P=0.135

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thymus Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/41 (2%)	0/35 (0%)	0/47 (0%)	0/45 (0%)
POLY-3 RATE (b)	1/34.69	0/29.01	0/40.07	0/35.96
POLY-3 PERCENT (g)	2.9%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/21 (0%)	0/27 (0%)	0/16 (0%)
FIRST INCIDENCE	427	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	11/50 (22%)	13/50 (26%)	6/50 (12%)
POLY-3 RATE (b)	9/42.32	11/41.96	13/43.66	6/40.81
POLY-3 PERCENT (g)	21.3%	26.2%	29.8%	14.7%
TERMINAL (d)	6/30 (20%)	9/30 (30%)	11/28 (39%)	1/18 (6%)
FIRST INCIDENCE	571	534	499	673
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.169N	P=0.390	P=0.254	P=0.310N
POLY 1.5	P=0.158N	P=0.395	P=0.238	P=0.298N
POLY 6	P=0.197N	P=0.387	P=0.269	P=0.337N
COCH-ARM / FISHERS	P=0.151N	P=0.402	P=0.235	P=0.288N
MAX-ISO-POLY-3	P=0.193N	P=0.297	P=0.185	P=0.222N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thyroid Gland: Follicular Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/41.33	2/40.76	0/42.47	2/40.29
POLY-3 PERCENT (g)	2.4%	4.9%	0%	5%
TERMINAL (d)	0/30 (0%)	2/30 (7%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	659	729 (T)	---	649
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.460	P=0.495	P=0.495N	P=0.491
POLY 1.5	P=0.465	P=0.497	P=0.499N	P=0.497
POLY 6	P=0.449	P=0.495	P=0.490N	P=0.478
COCH-ARM / FISHERS	P=0.468	P=0.500	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.412	P=0.277	P=0.158N	P=0.275

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Tooth Malformation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/2 (100%)	0/1 (0%)	0/1 (0%)	0/1 (0%)
POLY-3 RATE (b)	2/2.00	0/1.00	0/1.00	0/0.79
POLY-3 PERCENT (g)	100%	0%	0%	0%
TERMINAL (d)	1/1 (100%)	0/1 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	649	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.298N	P=0.333N	P=0.333N	P=0.333N
POLY 1.5	P=0.298N	P=0.333N	P=0.333N	P=0.333N
POLY 6	P=0.298N	P=0.333N	P=0.333N	P=0.333N
COCH-ARM / FISHERS	P=0.298N	P=0.333N	P=0.333N	P=0.333N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	28/50 (56%)	43/50 (86%)	48/50 (96%)
POLY-3 RATE (b)	0/41.07	28/45.83	43/47.32	48/49.99
POLY-3 PERCENT (g)	0%	61.1%	90.9%	96%
TERMINAL (d)	0/30 (0%)	18/30 (60%)	26/28 (93%)	17/18 (94%)
FIRST INCIDENCE	---	486	499	409
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	3/42.19	1/42.53	0/39.99
POLY-3 PERCENT (g)	0%	7.1%	2.4%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	486	716	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.264N	P=0.123	P=0.507	(e)
POLY 1.5	P=0.260N	P=0.121	P=0.502	(e)
POLY 6	P=0.272N	P=0.126	P=0.513	(e)
COCH-ARM / FISHERS	P=0.260N	P=0.121	P=0.500	(e)
MAX-ISO-POLY-3	P=0.244N	P=0.042*	P=0.167	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	1/41.07	1/40.80	4/42.47	3/41.07
POLY-3 PERCENT (g)	2.4%	2.5%	9.4%	7.3%
TERMINAL (d)	1/30 (3%)	0/30 (0%)	4/28 (14%)	1/18 (6%)
FIRST INCIDENCE	729 (T)	719	729 (T)	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.225	P=0.760	P=0.188	P=0.304
POLY 1.5	P=0.228	P=0.760	P=0.181	P=0.307
POLY 6	P=0.214	P=0.761	P=0.196	P=0.296
COCH-ARM / FISHERS	P=0.225	P=0.753N	P=0.181	P=0.309
MAX-ISO-POLY-3	P=0.192	P=0.497	P=0.093	P=0.153



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

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

Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.07	1/40.91	0/42.47	0/39.99
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	691	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Trachea: Epithelium Regeneration				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/41.07	0/40.76	0/42.47	1/39.99
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	---	---	---	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	1/39.67
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	642
<b>STATISTICAL TESTS</b>				
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Degeneration Cystic</b>				
<b>LESION RATES</b>				
OVERALL (a)	37/50 (74%)	44/50 (88%)	39/50 (78%)	31/50 (62%)
POLY-3 RATE (b)	37/49.30	44/48.68	39/47.83	31/43.31
POLY-3 PERCENT (g)	75.1%	90.4%	81.6%	71.6%
TERMINAL (d)	29/39 (74%)	35/38 (92%)	22/28 (79%)	16/20 (80%)
FIRST INCIDENCE	374	513	505	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.109N	P=0.035*	P=0.294	P=0.441N
POLY 1.5	P=0.043N*	P=0.044*	P=0.337	P=0.292N
POLY 6	P=0.265N	P=0.027*	P=0.255	P=0.565
COCH-ARM / FISHERS	P=0.011N*	P=0.062	P=0.408	P=0.142N
MAX-ISO-POLY-3	P=0.155N	P=0.019*	P=0.218	P=0.355N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	27/50 (54%)	23/50 (46%)	30/50 (60%)	23/50 (46%)
POLY-3 RATE (b)	27/46.94	23/47.53	30/47.85	23/43.34
POLY-3 PERCENT (g)	57.5%	48.4%	62.7%	53.1%
TERMINAL (d)	24/39 (62%)	18/38 (47%)	16/28 (57%)	10/20 (50%)
FIRST INCIDENCE	564	537	505	428
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.527N	P=0.246N	P=0.379	P=0.414N
POLY 1.5	P=0.436N	P=0.253N	P=0.370	P=0.345N
POLY 6	P=0.457	P=0.241N	P=0.381	P=0.513N
COCH-ARM / FISHERS	P=0.324N	P=0.274N	P=0.343	P=0.274N
MAX-ISO-POLY-3	P=0.505	P=0.187N	P=0.303	P=0.337N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.15	2/45.74	0/42.70	1/39.82
POLY-3 PERCENT (g)	4.3%	4.4%	0%	2.5%
TERMINAL (d)	1/39 (3%)	1/38 (3%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	718	705	---	593
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.415N	P=0.691	P=0.255N	P=0.551N
POLY 1.5	P=0.403N	P=0.693	P=0.246N	P=0.528N
POLY 6	P=0.432N	P=0.686	P=0.269N	P=0.583N
COCH-ARM / FISHERS	P=0.387N	P=0.691N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.346N	P=0.496	P=0.093N	P=0.335N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/49 (0%)	3/49 (6%)	5/50 (10%)
POLY-3 RATE (b)	0/45.10	0/44.65	3/42.54	5/39.76
POLY-3 PERCENT (g)	0%	0%	7.1%	12.6%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/27 (4%)	3/20 (15%)
FIRST INCIDENCE	---	---	599	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.002**	(e)	P=0.108	P=0.021*
POLY 1.5	P=0.003**	(e)	P=0.114	P=0.026*
POLY 6	P=0.002**	(e)	P=0.101	P=0.016*
COCH-ARM / FISHERS	P=0.005**	(e)	P=0.121	P=0.030*
MAX-ISO-POLY-3	P=0.004**	(e)	P=0.038*	P=0.010**



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Bone Marrow Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	5/50 (10%)	11/50 (22%)	20/50 (40%)
POLY-3 RATE (b)	8/47.12	5/46.96	11/45.68	20/43.43
POLY-3 PERCENT (g)	17%	10.7%	24.1%	46.1%
TERMINAL (d)	5/39 (13%)	2/38 (5%)	4/28 (14%)	4/20 (20%)
FIRST INCIDENCE	561	519	478	515
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.278N	P=0.278	P=0.002**
POLY 1.5	P<0.001**	P=0.275N	P=0.294	P=0.003**
POLY 6	P<0.001**	P=0.285N	P=0.250	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.277N	P=0.306	P=0.007**
MAX-ISO-POLY-3	P<0.001**	P=0.188N	P=0.203	P<0.001**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Bone: Femur Hyperostosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.62
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	676
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.205
POLY 1.5	P=0.036*	(e)	(e)	P=0.219
POLY 6	P=0.030*	(e)	(e)	P=0.187
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Bone: Maxilla Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	1/45.65	2/42.85	0/39.35
POLY-3 PERCENT (g)	0%	2.2%	4.7%	0%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	691	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.566N	P=0.498	P=0.221	(e)
POLY 1.5	P=0.539N	P=0.499	P=0.229	(e)
POLY 6	P=0.602N	P=0.495	P=0.210	(e)
COCH-ARM / FISHERS	P=0.506N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.351	P=0.159	P=0.076	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Brain Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	10/50 (20%)	12/50 (24%)	12/50 (24%)	5/50 (10%)
POLY-3 RATE (b)	10/47.80	12/48.48	12/45.25	5/42.24
POLY-3 PERCENT (g)	20.9%	24.8%	26.5%	11.8%
TERMINAL (d)	4/39 (10%)	4/38 (11%)	4/28 (14%)	1/20 (5%)
FIRST INCIDENCE	443	513	534	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.110N	P=0.419	P=0.348	P=0.192N
POLY 1.5	P=0.081N	P=0.416	P=0.374	P=0.161N
POLY 6	P=0.166N	P=0.420	P=0.312	P=0.247N
COCH-ARM / FISHERS	P=0.056N	P=0.405	P=0.405	P=0.131N
MAX-ISO-POLY-3	P=0.152N	P=0.329	P=0.269	P=0.138N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Brain Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	2/43.16	2/40.36
POLY-3 PERCENT (g)	0%	0%	4.6%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	618	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.095	(e)	P=0.223	P=0.209
POLY 1.5	P=0.107	(e)	P=0.230	P=0.222
POLY 6	P=0.080	(e)	P=0.212	P=0.192
COCH-ARM / FISHERS	P=0.124	(e)	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.123	(e)	P=0.076	P=0.075

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Clitoral Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	4/47 (9%)	0/49 (0%)
POLY-3 RATE (b)	0/46.10	0/45.06	4/41.78	0/38.78
POLY-3 PERCENT (g)	0%	0%	9.6%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	1/27 (4%)	0/20 (0%)
FIRST INCIDENCE	---	---	478	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.628	(e)	P=0.048*	(e)
POLY 1.5	P=0.664N	(e)	P=0.051	(e)
POLY 6	P=0.564	(e)	P=0.044*	(e)
COCH-ARM / FISHERS	P=0.614N	(e)	P=0.051	(e)
MAX-ISO-POLY-3	P=0.129	(e)	P=0.017*	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Clitoral Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/49 (2%)	2/47 (4%)	5/49 (10%)
POLY-3 RATE (b)	2/46.10	1/45.06	2/40.79	5/39.47
POLY-3 PERCENT (g)	4.3%	2.2%	4.9%	12.7%
TERMINAL (d)	2/39 (5%)	1/38 (3%)	2/27 (7%)	3/20 (15%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.041*	P=0.508N	P=0.649	P=0.158
POLY 1.5	P=0.048*	P=0.507N	P=0.661	P=0.179
POLY 6	P=0.033*	P=0.511N	P=0.630	P=0.131
COCH-ARM / FISHERS	P=0.060	P=0.508N	P=0.668	P=0.210
MAX-ISO-POLY-3	P=0.067	P=0.289N	P=0.451	P=0.095

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Ciliary Body Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/49 (2%)	6/49 (12%)
POLY-3 RATE (b)	0/45.15	0/45.65	1/41.72	6/38.98
POLY-3 PERCENT (g)	0%	0%	2.4%	15.4%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	1/28 (4%)	3/20 (15%)
FIRST INCIDENCE	---	---	730 (T)	618
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.484	P=0.009**
POLY 1.5	P<0.001**	(e)	P=0.492	P=0.011*
POLY 6	P<0.001**	(e)	P=0.472	P=0.006**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P=0.004**



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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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

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Eye: Cornea  
Inflammation Chronic

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**LESION RATES**

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/45.15	0/45.65	0/41.72	0/38.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Lens Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	2/50 (4%)	2/49 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/45.15	2/45.65	2/42.57	0/38.41
POLY-3 PERCENT (g)	0%	4.4%	4.7%	0%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	599	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.434N	P=0.240	P=0.224	(e)
POLY 1.5	P=0.406N	P=0.241	P=0.231	(e)
POLY 6	P=0.475N	P=0.236	P=0.214	(e)
COCH-ARM / FISHERS	P=0.372N	P=0.253	P=0.247	(e)
MAX-ISO-POLY-3	P=0.312	P=0.077	P=0.076	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Eye: Retina Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/49 (12%)	21/50 (42%)	18/49 (37%)	19/49 (39%)
POLY-3 RATE (b)	6/45.80	21/47.42	18/43.01	19/41.36
POLY-3 PERCENT (g)	13.1%	44.3%	41.9%	45.9%
TERMINAL (d)	4/39 (10%)	15/38 (40%)	13/28 (46%)	6/20 (30%)
FIRST INCIDENCE	564	537	599	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.020*	P<0.001**	P=0.002**	P<0.001**
POLY 1.5	P=0.034*	P<0.001**	P=0.002**	P<0.001**
POLY 6	P=0.010**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.071	P<0.001**	P=0.004**	P=0.002**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Harderian Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	29/50 (58%)	19/50 (38%)	29/50 (58%)	29/50 (58%)
POLY-3 RATE (b)	29/47.03	19/47.43	29/45.08	29/44.13
POLY-3 PERCENT (g)	61.7%	40.1%	64.3%	65.7%
TERMINAL (d)	24/39 (62%)	12/38 (32%)	19/28 (68%)	11/20 (55%)
FIRST INCIDENCE	564	589	534	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.082	P=0.026N*	P=0.480	P=0.425
POLY 1.5	P=0.121	P=0.028N*	P=0.534	P=0.494
POLY 6	P=0.051	P=0.025N*	P=0.394	P=0.347
COCH-ARM / FISHERS	P=0.198	P=0.036N*	P=0.580N	P=0.580N
MAX-ISO-POLY-3	P=0.120	P=0.016N*	P=0.393	P=0.344

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Heart Thrombosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Heart: Valve Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.10	2/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	2.2%	4.4%	0%	0%
TERMINAL (d)	1/39 (3%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.225N	P=0.497	P=0.515N	P=0.531N
POLY 1.5	P=0.217N	P=0.499	P=0.508N	P=0.517N
POLY 6	P=0.238N	P=0.492	P=0.527N	P=0.551N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.236N	P=0.279	P=0.177N	P=0.197N



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Infarct</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	3/45.74	2/42.79	1/39.37
POLY-3 PERCENT (g)	0%	6.6%	4.7%	2.5%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	705	714	726
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.617N	P=0.117	P=0.221	P=0.469
POLY 1.5	P=0.587N	P=0.119	P=0.229	P=0.483
POLY 6	P=0.602	P=0.115	P=0.209	P=0.449
COCH-ARM / FISHERS	P=0.550N	P=0.121	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.226	P=0.038*	P=0.076	P=0.158

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	15/50 (30%)	20/50 (40%)	24/50 (48%)
POLY-3 RATE (b)	16/46.22	15/46.56	20/45.71	24/42.26
POLY-3 PERCENT (g)	34.6%	32.2%	43.8%	56.8%
TERMINAL (d)	15/39 (39%)	11/38 (29%)	10/28 (36%)	10/20 (50%)
FIRST INCIDENCE	701	589	562	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.008**	P=0.490N	P=0.246	P=0.026*
POLY 1.5	P=0.014*	P=0.491N	P=0.258	P=0.042*
POLY 6	P=0.004**	P=0.492N	P=0.225	P=0.013*
COCH-ARM / FISHERS	P=0.031*	P=0.500N	P=0.266	P=0.076
MAX-ISO-POLY-3	P=0.013*	P=0.401N	P=0.185	P=0.019*

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.66
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.205
POLY 1.5	P=0.037*	(e)	(e)	P=0.219
POLY 6	P=0.031*	(e)	(e)	P=0.188
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	1/42.70	2/39.66
POLY-3 PERCENT (g)	0%	0%	2.3%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	---	---	730 (T)	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.065	(e)	P=0.485	P=0.205
POLY 1.5	P=0.073	(e)	P=0.492	P=0.219
POLY 6	P=0.056	(e)	P=0.473	P=0.188
COCH-ARM / FISHERS	P=0.084	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.080	(e)	P=0.158	P=0.075

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Papilla Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.97	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	374	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.10	0/45.65	0/42.70	1/39.93
POLY-3 PERCENT (g)	2.2%	0%	0%	2.5%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	549
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/40.15
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	428
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.208
POLY 1.5	P=0.037*	(e)	(e)	P=0.221
POLY 6	P=0.031*	(e)	(e)	P=0.190
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.41	3/45.89	0/42.70	1/39.40
POLY-3 PERCENT (g)	4.3%	6.5%	0%	2.5%
TERMINAL (d)	1/39 (3%)	1/38 (3%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	645	677	---	719
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.326N	P=0.495	P=0.256N	P=0.557N
POLY 1.5	P=0.311N	P=0.498	P=0.247N	P=0.531N
POLY 6	P=0.349N	P=0.489	P=0.271N	P=0.592N
COCH-ARM / FISHERS	P=0.292N	P=0.500	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.270N	P=0.320	P=0.094N	P=0.341N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Pelvis Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	31/50 (62%)	30/50 (60%)	24/50 (48%)	15/50 (30%)
POLY-3 RATE (b)	31/47.37	30/47.78	24/47.20	15/42.85
POLY-3 PERCENT (g)	65.4%	62.8%	50.9%	35%
TERMINAL (d)	25/39 (64%)	23/38 (61%)	11/28 (39%)	5/20 (25%)
FIRST INCIDENCE	564	537	505	498
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001N**	P=0.477N	P=0.105N	P=0.002N**
POLY 1.5	P<0.001N**	P=0.479N	P=0.104N	P<0.001N**
POLY 6	P=0.002N**	P=0.485N	P=0.116N	P=0.005N**
COCH-ARM / FISHERS	P<0.001N**	P=0.500N	P=0.114N	P<0.001N**
MAX-ISO-POLY-3	P=0.002N**	P=0.391N	P=0.072N	P=0.002N**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Renal Tubule Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	5/50 (10%)	11/50 (22%)
POLY-3 RATE (b)	0/46.10	0/45.65	5/42.72	11/41.53
POLY-3 PERCENT (g)	0%	0%	11.7%	26.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	4/28 (14%)	5/20 (25%)
FIRST INCIDENCE	---	---	725	549
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.024*	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.027*	P<0.001**
POLY 6	P<0.001**	(e)	P=0.021*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.028*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.009**	P<0.001**

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Kidney: Renal Tubule Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Foreign Body				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/46.10	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/39 (0%)	38/38 (100%)	28/28 (100%)	20/20 (100%)
FIRST INCIDENCE	---	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Larynx Hyperplasia				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	8/50 (16%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.10	8/46.92	0/42.70	3/39.35
POLY-3 PERCENT (g)	0%	17.1%	0%	7.6%
TERMINAL (d)	0/39 (0%)	5/38 (13%)	0/28 (0%)	3/20 (15%)
FIRST INCIDENCE	---	537	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.603	P=0.004**	(e)	P=0.093
POLY 1.5	P=0.576N	P=0.004**	(e)	P=0.104
POLY 6	P=0.553	P=0.004**	(e)	P=0.079
COCH-ARM / FISHERS	P=0.541N	P=0.003**	(e)	P=0.121
MAX-ISO-POLY-3	P=0.102	P<0.001**	(e)	P=0.037*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	1/39.35
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	730 (T)
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Larynx: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	6/50 (12%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	5/46.10	6/46.45	2/43.90	3/40.04
POLY-3 PERCENT (g)	10.9%	12.9%	4.6%	7.5%
TERMINAL (d)	5/39 (13%)	4/38 (11%)	0/28 (0%)	2/20 (10%)
FIRST INCIDENCE	730 (T)	537	478	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.286N	P=0.505	P=0.236N	P=0.436N
POLY 1.5	P=0.258N	P=0.505	P=0.226N	P=0.400N
POLY 6	P=0.327N	P=0.503	P=0.256N	P=0.490N
COCH-ARM / FISHERS	P=0.225N	P=0.500	P=0.218N	P=0.357N
MAX-ISO-POLY-3	P=0.309N	P=0.379	P=0.139N	P=0.310N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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 First Dose M/F: 09/22/08 / 09/22/08  
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/46.10	2/45.99	1/43.17	2/39.62
POLY-3 PERCENT (g)	6.5%	4.4%	2.3%	5.1%
TERMINAL (d)	3/39 (8%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	649	593	659
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.557N	P=0.501N	P=0.329N	P=0.568N
POLY 1.5	P=0.536N	P=0.499N	P=0.317N	P=0.538N
POLY 6	P=0.586N	P=0.504N	P=0.348N	P=0.610N
COCH-ARM / FISHERS	P=0.507N	P=0.500N	P=0.309N	P=0.500N
MAX-ISO-POLY-3	P=0.452N	P=0.325N	P=0.179N	P=0.393N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	12/50 (24%)	7/50 (14%)	11/50 (22%)	6/50 (12%)
POLY-3 RATE (b)	12/46.40	7/46.94	11/44.08	6/40.78
POLY-3 PERCENT (g)	25.9%	14.9%	25%	14.7%
TERMINAL (d)	10/39 (26%)	5/38 (13%)	7/28 (25%)	2/20 (10%)
FIRST INCIDENCE	688	513	505	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.253N	P=0.145N	P=0.556N	P=0.154N
POLY 1.5	P=0.207N	P=0.146N	P=0.527N	P=0.125N
POLY 6	P=0.322N	P=0.148N	P=0.587	P=0.202N
COCH-ARM / FISHERS	P=0.154N	P=0.154N	P=0.500N	P=0.096N
MAX-ISO-POLY-3	P=0.185N	P=0.095N	P=0.460N	P=0.112N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	5/50 (10%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/46.10	5/45.65	1/42.70	2/40.42
POLY-3 PERCENT (g)	8.7%	11%	2.3%	5%
TERMINAL (d)	4/39 (10%)	5/38 (13%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	537
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.233N	P=0.494	P=0.203N	P=0.400N
POLY 1.5	P=0.215N	P=0.498	P=0.191N	P=0.371N
POLY 6	P=0.260N	P=0.485	P=0.222N	P=0.440N
COCH-ARM / FISHERS	P=0.194N	P=0.500	P=0.181N	P=0.339N
MAX-ISO-POLY-3	P=0.236N	P=0.357	P=0.106N	P=0.263N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/46.10	4/45.65	1/42.70	1/39.74
POLY-3 PERCENT (g)	4.3%	8.8%	2.3%	2.5%
TERMINAL (d)	2/39 (5%)	4/38 (11%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.269N	P=0.333	P=0.527N	P=0.551N
POLY 1.5	P=0.249N	P=0.336	P=0.514N	P=0.529N
POLY 6	P=0.298N	P=0.326	P=0.547N	P=0.583N
COCH-ARM / FISHERS	P=0.226N	P=0.339	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.329N	P=0.198	P=0.309N	P=0.336N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Cyst				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/46.26	4/45.65	3/42.70	1/39.35
POLY-3 PERCENT (g)	4.3%	8.8%	7%	2.5%
TERMINAL (d)	1/39 (3%)	4/38 (11%)	3/28 (11%)	1/20 (5%)
FIRST INCIDENCE	688	730 (T)	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.304N	P=0.331	P=0.464	P=0.556N
POLY 1.5	P=0.272N	P=0.335	P=0.481	P=0.531N
POLY 6	P=0.352N	P=0.323	P=0.435	P=0.591N
COCH-ARM / FISHERS	P=0.234N	P=0.339	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.369N	P=0.197	P=0.299	P=0.340N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/46.10	1/45.65	1/42.79	1/39.35
POLY-3 PERCENT (g)	6.5%	2.2%	2.3%	2.5%
TERMINAL (d)	3/39 (8%)	1/38 (3%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	730 (T)	708	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.393N	P=0.309N	P=0.332N	P=0.364N
POLY 1.5	P=0.376N	P=0.306N	P=0.319N	P=0.337N
POLY 6	P=0.417N	P=0.314N	P=0.354N	P=0.403N
COCH-ARM / FISHERS	P=0.352N	P=0.309N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.276N	P=0.158N	P=0.182N	P=0.213N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Fatty Change</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	6/47.53	1/45.69	1/43.42	0/39.35
POLY-3 PERCENT (g)	12.6%	2.2%	2.3%	0%
TERMINAL (d)	3/39 (8%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	443	719	478	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034N*	P=0.063N	P=0.072N	P=0.028N*
POLY 1.5	P=0.031N*	P=0.060N	P=0.064N	P=0.022N*
POLY 6	P=0.039N*	P=0.067N	P=0.085N	P=0.040N*
COCH-ARM / FISHERS	P=0.029N*	P=0.056N	P=0.056N	P=0.013N*
MAX-ISO-POLY-3	P=0.008N**	P=0.029N*	P=0.037N*	P=0.016N*



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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Fibrosis				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	4/43.50	2/39.93
POLY-3 PERCENT (g)	0%	0%	9.2%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	---	---	505	607
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.130	(e)	P=0.053	P=0.207
POLY 1.5	P=0.152	(e)	P=0.057	P=0.220
POLY 6	P=0.104	(e)	P=0.047*	P=0.190
COCH-ARM / FISHERS	P=0.188	(e)	P=0.059	P=0.247
MAX-ISO-POLY-3	P=0.071	(e)	P=0.019*	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	2/46.15	2/46.45	4/42.83	4/39.49
POLY-3 PERCENT (g)	4.3%	4.3%	9.3%	10.1%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	3/28 (11%)	1/20 (5%)
FIRST INCIDENCE	718	537	698	705
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.173	P=0.691N	P=0.303	P=0.268
POLY 1.5	P=0.204	P=0.691N	P=0.320	P=0.298
POLY 6	P=0.136	P=0.693N	P=0.278	P=0.229
COCH-ARM / FISHERS	P=0.248	P=0.691N	P=0.339	P=0.339
MAX-ISO-POLY-3	P=0.271	P=0.496N	P=0.183	P=0.167

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	0/46.10	0/45.65	3/43.02	4/40.22
POLY-3 PERCENT (g)	0%	0%	7%	10%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	1/28 (4%)	2/20 (10%)
FIRST INCIDENCE	---	---	679	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.010**	(e)	P=0.107	P=0.045*
POLY 1.5	P=0.012*	(e)	P=0.113	P=0.051
POLY 6	P=0.007**	(e)	P=0.098	P=0.036*
COCH-ARM / FISHERS	P=0.017*	(e)	P=0.121	P=0.059
MAX-ISO-POLY-3	P=0.015*	(e)	P=0.038*	P=0.019*

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	1/45.65	1/42.90	2/39.35
POLY-3 PERCENT (g)	0%	2.2%	2.3%	5.1%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	0/28 (0%)	2/20 (10%)
FIRST INCIDENCE	---	730 (T)	679	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.160	P=0.498	P=0.486	P=0.204
POLY 1.5	P=0.176	P=0.499	P=0.493	P=0.218
POLY 6	P=0.139	P=0.495	P=0.475	P=0.185
COCH-ARM / FISHERS	P=0.198	P=0.500	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.125	P=0.159	P=0.158	P=0.075

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.79
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	607
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.206
POLY 1.5	P=0.037*	(e)	(e)	P=0.220
POLY 6	P=0.031*	(e)	(e)	P=0.188
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Liver: Bile Duct Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/46.10	2/45.65	0/42.70	1/39.78
POLY-3 PERCENT (g)	6.5%	4.4%	0%	2.5%
TERMINAL (d)	3/39 (8%)	2/38 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	607
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.289N	P=0.505N	P=0.133N	P=0.360N
POLY 1.5	P=0.278N	P=0.501N	P=0.126N	P=0.335N
POLY 6	P=0.305N	P=0.511N	P=0.145N	P=0.396N
COCH-ARM / FISHERS	P=0.264N	P=0.500N	P=0.121N	P=0.309N
MAX-ISO-POLY-3	P=0.176N	P=0.329N	P=0.050N*	P=0.209N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	50/50 (100%)	50/50 (100%)	49/50 (98%)
POLY-3 RATE (b)	1/46.10	50/50.00	50/50.00	49/49.56
POLY-3 PERCENT (g)	2.2%	100%	100%	98.9%
TERMINAL (d)	1/39 (3%)	38/38 (100%)	28/28 (100%)	20/20 (100%)
FIRST INCIDENCE	730 (T)	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/46.10	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/39 (0%)	38/38 (100%)	28/28 (100%)	20/20 (100%)
FIRST INCIDENCE	---	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	5/50 (10%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	5/45.73	3/42.72	0/39.35
POLY-3 PERCENT (g)	0%	10.9%	7%	0%
TERMINAL (d)	0/39 (0%)	4/38 (11%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	---	709	725	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.211N	P=0.030*	P=0.105	(e)
POLY 1.5	P=0.183N	P=0.031*	P=0.112	(e)
POLY 6	P=0.255N	P=0.029*	P=0.096	(e)
COCH-ARM / FISHERS	P=0.156N	P=0.028*	P=0.121	(e)
MAX-ISO-POLY-3	P=0.163	P=0.010**	P=0.038*	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	21/50 (42%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	21/46.51	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	45.2%	100%	100%	100%
TERMINAL (d)	17/39 (44%)	38/38 (100%)	28/28 (100%)	20/20 (100%)
FIRST INCIDENCE	688	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung Proteinosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
POLY-3 RATE (b)	0/46.10	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
TERMINAL (d)	0/39 (0%)	38/38 (100%)	28/28 (100%)	20/20 (100%)
FIRST INCIDENCE	---	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	50/50 (100%)	49/50 (98%)	50/50 (100%)
POLY-3 RATE (b)	5/46.31	50/50.00	49/50.00	50/50.00
POLY-3 PERCENT (g)	10.8%	100%	98%	100%
TERMINAL (d)	3/39 (8%)	38/38 (100%)	27/28 (96%)	20/20 (100%)
FIRST INCIDENCE	688	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Alveolar Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	5/50 (10%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	5/45.65	3/42.98	1/39.35
POLY-3 PERCENT (g)	0%	11%	7%	2.5%
TERMINAL (d)	0/39 (0%)	5/38 (13%)	2/28 (7%)	1/20 (5%)
FIRST INCIDENCE	---	730 (T)	654	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.432N	P=0.030*	P=0.106	P=0.469
POLY 1.5	P=0.393N	P=0.030*	P=0.112	P=0.483
POLY 6	P=0.488N	P=0.028*	P=0.098	P=0.449
COCH-ARM / FISHERS	P=0.348N	P=0.028*	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.143	P=0.010**	P=0.038*	P=0.158

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Alveolus Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	5/50 (10%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	0/46.10	5/45.95	6/43.72	5/40.31
POLY-3 PERCENT (g)	0%	10.9%	13.7%	12.4%
TERMINAL (d)	0/39 (0%)	3/38 (8%)	3/28 (11%)	3/20 (15%)
FIRST INCIDENCE	---	677	478	554
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.113	P=0.030*	P=0.013*	P=0.021*
POLY 1.5	P=0.139	P=0.031*	P=0.014*	P=0.025*
POLY 6	P=0.082	P=0.029*	P=0.011*	P=0.016*
COCH-ARM / FISHERS	P=0.180	P=0.028*	P=0.013*	P=0.028*
MAX-ISO-POLY-3	P=0.039*	P=0.010**	P=0.004**	P=0.009**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	1/42.79	2/39.41
POLY-3 PERCENT (g)	0%	0%	2.3%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	708	719
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.065	(e)	P=0.485	P=0.204
POLY 1.5	P=0.073	(e)	P=0.492	P=0.218
POLY 6	P=0.055	(e)	P=0.474	P=0.185
COCH-ARM / FISHERS	P=0.084	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.080	(e)	P=0.158	P=0.075



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.41
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	719
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.204
POLY 1.5	P=0.036*	(e)	(e)	P=0.218
POLY 6	P=0.030*	(e)	(e)	P=0.185
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Bronchiole, Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	26/50 (52%)	25/50 (50%)	27/50 (54%)
POLY-3 RATE (b)	6/46.28	26/48.03	25/46.34	27/44.66
POLY-3 PERCENT (g)	13%	54.1%	54%	60.5%
TERMINAL (d)	4/39 (10%)	21/38 (55%)	15/28 (54%)	11/20 (55%)
FIRST INCIDENCE	701	519	478	428
<b>STATISTICAL TESTS</b>				
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=0.004**	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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lung: Perivascular Infiltration Cellular Lymphocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	18/50 (36%)	11/50 (22%)	8/50 (16%)
POLY-3 RATE (b)	0/46.10	18/48.65	11/44.68	8/42.34
POLY-3 PERCENT (g)	0%	37%	24.6%	18.9%
TERMINAL (d)	0/39 (0%)	11/38 (29%)	7/28 (25%)	2/20 (10%)
FIRST INCIDENCE	---	513	505	428
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.447	P<0.001**	P<0.001**	P=0.002**
POLY 1.5	P=0.501	P<0.001**	P<0.001**	P=0.003**
POLY 6	P=0.370	P<0.001**	P<0.001**	P=0.002**
COCH-ARM / FISHERS	P=0.561	P<0.001**	P<0.001**	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Bronchial Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/35 (0%)	35/36 (97%)	23/28 (82%)	36/41 (88%)
POLY-3 RATE (b)	0/33.88	35/35.63	23/26.62	36/40.01
POLY-3 PERCENT (g)	0%	98.2%	86.4%	90%
TERMINAL (d)	0/29 (0%)	29/29 (100%)	12/13 (92%)	14/17 (82%)
FIRST INCIDENCE	---	519	505	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Bronchial Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/35 (0%)	21/36 (58%)	9/28 (32%)	11/41 (27%)
POLY-3 RATE (b)	0/33.88	21/34.09	9/23.97	11/34.39
POLY-3 PERCENT (g)	0%	61.6%	37.5%	32%
TERMINAL (d)	0/29 (0%)	18/29 (62%)	6/13 (46%)	5/17 (29%)
FIRST INCIDENCE	---	677	590	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.322	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.419	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.212	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.545	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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Bronchial Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/35 (40%)	12/36 (33%)	8/28 (29%)	18/41 (44%)
POLY-3 RATE (b)	14/34.15	12/34.97	8/24.37	18/37.88
POLY-3 PERCENT (g)	41%	34.3%	32.8%	47.5%
TERMINAL (d)	12/29 (41%)	9/29 (31%)	4/13 (31%)	5/17 (29%)
FIRST INCIDENCE	688	537	478	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.197	P=0.373N	P=0.360N	P=0.374
POLY 1.5	P=0.222	P=0.373N	P=0.308N	P=0.408
POLY 6	P=0.169	P=0.370N	P=0.441N	P=0.337
COCH-ARM / FISHERS	P=0.256	P=0.368N	P=0.249N	P=0.456
MAX-ISO-POLY-3	P=0.272	P=0.286N	P=0.285N	P=0.291

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mandibular Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/42 (0%)	1/46 (2%)	0/44 (0%)	5/48 (10%)
POLY-3 RATE (b)	0/38.41	1/41.65	0/37.35	5/37.74
POLY-3 PERCENT (g)	0%	2.4%	0%	13.3%
TERMINAL (d)	0/32 (0%)	1/34 (3%)	0/25 (0%)	4/18 (22%)
FIRST INCIDENCE	---	730 (T)	---	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.002**	P=0.516	(e)	P=0.028*
POLY 1.5	P=0.003**	P=0.518	(e)	P=0.034*
POLY 6	P=0.002**	P=0.513	(e)	P=0.021*
COCH-ARM / FISHERS	P=0.004**	P=0.523	(e)	P=0.039*
MAX-ISO-POLY-3	P=0.003**	P=0.173	(e)	P=0.011*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mandibular Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/42 (0%)	0/46 (0%)	0/44 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/38.41	0/41.65	0/37.35	0/37.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/32 (0%)	0/34 (0%)	0/25 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mediastinal Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/46 (0%)	27/46 (59%)	32/46 (70%)	33/46 (72%)
POLY-3 RATE (b)	0/42.88	27/43.94	32/44.12	33/42.96
POLY-3 PERCENT (g)	0%	61.5%	72.5%	76.8%
TERMINAL (d)	0/36 (0%)	21/35 (60%)	17/26 (65%)	14/19 (74%)
FIRST INCIDENCE	---	519	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mediastinal Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/46 (0%)	14/46 (30%)	10/46 (22%)	15/46 (33%)
POLY-3 RATE (b)	0/42.88	14/42.31	10/40.64	15/40.45
POLY-3 PERCENT (g)	0%	33.1%	24.6%	37.1%
TERMINAL (d)	0/36 (0%)	13/35 (37%)	8/26 (31%)	6/19 (32%)
FIRST INCIDENCE	---	627	534	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.004**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.007**	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 - 03  
 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mediastinal Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	39/46 (85%)	42/46 (91%)	41/46 (89%)	41/46 (89%)
POLY-3 RATE (b)	39/45.94	42/45.58	41/45.24	41/44.86
POLY-3 PERCENT (g)	84.9%	92.1%	90.6%	91.4%
TERMINAL (d)	30/36 (83%)	32/35 (91%)	24/26 (92%)	18/19 (95%)
FIRST INCIDENCE	374	513	478	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.345	P=0.222	P=0.300	P=0.260
POLY 1.5	P=0.398	P=0.238	P=0.335	P=0.305
POLY 6	P=0.291	P=0.202	P=0.254	P=0.214
COCH-ARM / FISHERS	P=0.479	P=0.261	P=0.379	P=0.379
MAX-ISO-POLY-3	P=0.246	P=0.137	P=0.200	P=0.168

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mesenteric Angiomatous Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node, Mesenteric Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Lymph Node: Iliac Ectasia				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/3 (0%)	0/3 (0%)	0/3 (0%)
POLY-3 RATE (b)	0/1.66	0/2.48	0/2.03	0/1.48
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node: Lumbar Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	1/3 (33%)	0/3 (0%)	0/3 (0%)
POLY-3 RATE (b)	0/1.66	1/2.90	0/2.03	0/1.48
POLY-3 PERCENT (g)	0%	34.5%	0%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	610	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Lymph Node: Renal Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/3 (0%)	0/3 (0%)	0/3 (0%)
POLY-3 RATE (b)	0/1.66	0/2.48	0/2.03	0/1.48
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mammary Gland Galactocele</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	9/50 (18%)	13/50 (26%)	10/50 (20%)
POLY-3 RATE (b)	7/46.65	9/46.16	13/44.11	10/41.41
POLY-3 PERCENT (g)	15%	19.5%	29.5%	24.2%
TERMINAL (d)	6/39 (15%)	7/38 (18%)	8/28 (29%)	3/20 (15%)
FIRST INCIDENCE	561	610	589	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.217	P=0.383	P=0.077	P=0.208
POLY 1.5	P=0.270	P=0.390	P=0.090	P=0.247
POLY 6	P=0.154	P=0.374	P=0.061	P=0.160
COCH-ARM / FISHERS	P=0.343	P=0.393	P=0.105	P=0.298
MAX-ISO-POLY-3	P=0.166	P=0.286	P=0.051	P=0.152

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mammary Gland</b>				
<b>Granuloma Lipomatous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.75
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.206
POLY 1.5	P=0.037*	(e)	(e)	P=0.219
POLY 6	P=0.031*	(e)	(e)	P=0.188
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mammary Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	3/50 (6%)	8/50 (16%)	3/50 (6%)
POLY-3 RATE (b)	6/47.00	3/45.65	8/43.57	3/40.31
POLY-3 PERCENT (g)	12.8%	6.6%	18.4%	7.4%
TERMINAL (d)	2/39 (5%)	3/38 (8%)	5/28 (18%)	1/20 (5%)
FIRST INCIDENCE	635	730 (T)	618	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.411N	P=0.257N	P=0.329	P=0.323N
POLY 1.5	P=0.361N	P=0.249N	P=0.357	P=0.285N
POLY 6	P=0.486N	P=0.271N	P=0.287	P=0.384N
COCH-ARM / FISHERS	P=0.303N	P=0.243N	P=0.387	P=0.243N
MAX-ISO-POLY-3	P=0.382N	P=0.162N	P=0.240	P=0.226N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mediastinum: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	0/0 (0%)	2/2 (100%)	9/9 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	2/2.00	9/9.00
POLY-3 PERCENT (g)	0%	0%	100%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	1/1 (100%)	2/2 (100%)
FIRST INCIDENCE	---	---	562	676
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mediastinum: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	0/0 (0%)	1/2 (50%)	6/9 (67%)
POLY-3 RATE (b)	0/0.00	0/0.00	1/2.00	6/8.96
POLY-3 PERCENT (g)	0%	0%	50%	67%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	562	676
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.644	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mesentery: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	6/50 (12%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	6/39.77
POLY-3 PERCENT (g)	0%	0%	0%	15.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P=0.009**
POLY 1.5	P<0.001**	(e)	(e)	P=0.011*
POLY 6	P<0.001**	(e)	(e)	P=0.006**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.004**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mesentery: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	3/39.56
POLY-3 PERCENT (g)	0%	0%	0%	7.6%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.006**	(e)	(e)	P=0.094
POLY 1.5	P=0.007**	(e)	(e)	P=0.104
POLY 6	P=0.005**	(e)	(e)	P=0.081
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Mesentery: Fat Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	3/50 (6%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	5/46.22	3/45.65	3/42.70	6/40.95
POLY-3 PERCENT (g)	10.8%	6.6%	7%	14.7%
TERMINAL (d)	4/39 (10%)	3/38 (8%)	3/28 (11%)	3/20 (15%)
FIRST INCIDENCE	701	730 (T)	730 (T)	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.220	P=0.363N	P=0.401N	P=0.416
POLY 1.5	P=0.245	P=0.359N	P=0.379N	P=0.454
POLY 6	P=0.187	P=0.372N	P=0.436N	P=0.361
COCH-ARM / FISHERS	P=0.279	P=0.357N	P=0.357N	P=0.500
MAX-ISO-POLY-3	P=0.276	P=0.239N	P=0.276N	P=0.307



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	5/50 (10%)	26/50 (52%)	45/50 (90%)
POLY-3 RATE (b)	0/46.10	5/46.06	26/45.69	45/49.20
POLY-3 PERCENT (g)	0%	10.9%	56.9%	91.5%
TERMINAL (d)	0/39 (0%)	4/38 (11%)	15/28 (54%)	18/20 (90%)
FIRST INCIDENCE	---	610	505	423
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.030*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.031*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.030*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.028*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.010**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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 First Dose M/F: 09/22/08 / 09/22/08  
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	6/50 (12%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	2/46.65	6/46.01	5/42.83	4/39.71
POLY-3 PERCENT (g)	4.3%	13%	11.7%	10.1%
TERMINAL (d)	1/39 (3%)	5/38 (13%)	4/28 (14%)	1/20 (5%)
FIRST INCIDENCE	561	627	698	659
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.431	P=0.129	P=0.183	P=0.266
POLY 1.5	P=0.485	P=0.132	P=0.199	P=0.297
POLY 6	P=0.360	P=0.124	P=0.160	P=0.228
COCH-ARM / FISHERS	P=0.554	P=0.134	P=0.218	P=0.339
MAX-ISO-POLY-3	P=0.237	P=0.067	P=0.106	P=0.166

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.35
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	2/20 (10%)
FIRST INCIDENCE	---	---	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.033*	(e)	(e)	P=0.204
POLY 1.5	P=0.036*	(e)	(e)	P=0.218
POLY 6	P=0.030*	(e)	(e)	P=0.185
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 - 03  
Test Type: CHRONIC  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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

---

Nose: Glands, Respiratory Epithelium  
Cyst

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	14/50 (28%)	13/50 (26%)	13/50 (26%)
POLY-3 RATE (b)	9/46.38	14/46.70	13/44.61	13/40.82
POLY-3 PERCENT (g)	19.4%	30%	29.1%	31.9%
TERMINAL (d)	7/39 (18%)	10/38 (26%)	6/28 (21%)	6/20 (30%)
FIRST INCIDENCE	688	589	599	593
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.215	P=0.173	P=0.200	P=0.137
POLY 1.5	P=0.277	P=0.174	P=0.217	P=0.176
POLY 6	P=0.149	P=0.170	P=0.176	P=0.096
COCH-ARM / FISHERS	P=0.371	P=0.171	P=0.235	P=0.235
MAX-ISO-POLY-3	P=0.184	P=0.119	P=0.143	P=0.103

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/40.13
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.208
POLY 1.5	P=0.037*	(e)	(e)	P=0.220
POLY 6	P=0.031*	(e)	(e)	P=0.191
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	2/45.65	2/42.75	1/39.35
POLY-3 PERCENT (g)	0%	4.4%	4.7%	2.5%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	1/28 (4%)	1/20 (5%)
FIRST INCIDENCE	---	730 (T)	718	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.554	P=0.235	P=0.221	P=0.469
POLY 1.5	P=0.589	P=0.237	P=0.229	P=0.483
POLY 6	P=0.505	P=0.232	P=0.209	P=0.449
COCH-ARM / FISHERS	P=0.631	P=0.247	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.264	P=0.076	P=0.076	P=0.158

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	6/50 (12%)	7/50 (14%)	16/50 (32%)
POLY-3 RATE (b)	4/46.64	6/46.01	7/43.89	16/43.08
POLY-3 PERCENT (g)	8.6%	13%	16%	37.1%
TERMINAL (d)	3/39 (8%)	5/38 (13%)	2/28 (7%)	5/20 (25%)
FIRST INCIDENCE	564	627	505	534
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.361	P=0.227	P<0.001**
POLY 1.5	P<0.001**	P=0.367	P=0.244	P<0.001**
POLY 6	P<0.001**	P=0.352	P=0.202	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.370	P=0.262	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P=0.247	P=0.148	P<0.001**



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

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

Date Report Requested: 10/15/2014  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	0/46.10	2/46.01	3/42.70	5/40.71
POLY-3 PERCENT (g)	0%	4.4%	7%	12.3%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	3/28 (11%)	1/20 (5%)
FIRST INCIDENCE	---	627	730 (T)	537
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.018*	P=0.237	P=0.105	P=0.021*
POLY 1.5	P=0.023*	P=0.238	P=0.112	P=0.025*
POLY 6	P=0.014*	P=0.235	P=0.096	P=0.017*
COCH-ARM / FISHERS	P=0.030*	P=0.247	P=0.121	P=0.028*
MAX-ISO-POLY-3	P=0.016*	P=0.076	P=0.038*	P=0.009**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.10	1/45.65	2/43.18	1/39.40
POLY-3 PERCENT (g)	2.2%	2.2%	4.6%	2.5%
TERMINAL (d)	1/39 (3%)	1/38 (3%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	589	719
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.596	P=0.758	P=0.477	P=0.724
POLY 1.5	P=0.626	P=0.760	P=0.489	P=0.741
POLY 6	P=0.553	P=0.755	P=0.459	P=0.700
COCH-ARM / FISHERS	P=0.639N	P=0.753N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.563	P=0.496	P=0.268	P=0.458

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Nose: Respiratory Epithelium Regeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	1/42.83	0/39.35
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	698	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

Date Report Requested: 10/15/2014  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Ovary Congestion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	0/46.10	0/45.12	2/43.32	5/40.31
POLY-3 PERCENT (g)	0%	0%	4.6%	12.4%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	593	593
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.223	P=0.021*
POLY 1.5	P=0.002**	(e)	P=0.230	P=0.025*
POLY 6	P<0.001**	(e)	P=0.213	P=0.016*
COCH-ARM / FISHERS	P=0.003**	(e)	P=0.247	P=0.028*
MAX-ISO-POLY-3	P=0.002**	(e)	P=0.076	P=0.009**

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary Cyst				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	10/49 (20%)	14/50 (28%)	15/50 (30%)
POLY-3 RATE (b)	11/46.58	10/45.54	14/43.89	15/42.06
POLY-3 PERCENT (g)	23.6%	22%	31.9%	35.7%
TERMINAL (d)	9/39 (23%)	9/38 (24%)	10/28 (36%)	7/20 (35%)
FIRST INCIDENCE	635	610	593	423
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.086	P=0.523N	P=0.259	P=0.154
POLY 1.5	P=0.116	P=0.519N	P=0.290	P=0.193
POLY 6	P=0.055	P=0.534N	P=0.214	P=0.110
COCH-ARM / FISHERS	P=0.162	P=0.521N	P=0.322	P=0.247
MAX-ISO-POLY-3	P=0.139	P=0.424N	P=0.196	P=0.116

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Ovary Fibrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/46.10	0/45.12	2/43.31	3/39.58
POLY-3 PERCENT (g)	0%	0%	4.6%	7.6%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	562	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.024*	(e)	P=0.223	P=0.094
POLY 1.5	P=0.029*	(e)	P=0.230	P=0.104
POLY 6	P=0.019*	(e)	P=0.213	P=0.081
COCH-ARM / FISHERS	P=0.038*	(e)	P=0.247	P=0.121
MAX-ISO-POLY-3	P=0.039*	(e)	P=0.076	P=0.037*

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 Test Type: CHRONIC  
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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Ovary Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.10	1/45.76	0/42.70	3/40.27
POLY-3 PERCENT (g)	0%	2.2%	0%	7.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	519	---	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	P=0.499	(e)	P=0.096
POLY 1.5	P=0.038*	P=0.498	(e)	P=0.106
POLY 6	P=0.030*	P=0.498	(e)	P=0.084
COCH-ARM / FISHERS	P=0.043*	P=0.495	(e)	P=0.121
MAX-ISO-POLY-3	P=0.025*	P=0.158	(e)	P=0.037*

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 Species/Strain: RATS/Wistar Han

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Ovary: Granulosa Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/49 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.26	1/45.12	2/43.42	0/39.35
POLY-3 PERCENT (g)	2.2%	2.2%	4.6%	0%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	688	730 (T)	478	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.385N	P=0.755	P=0.478	P=0.532N
POLY 1.5	P=0.360N	P=0.756	P=0.489	P=0.518N
POLY 6	P=0.420N	P=0.753	P=0.459	P=0.552N
COCH-ARM / FISHERS	P=0.329N	P=0.747	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.332N	P=0.492	P=0.268	P=0.197N



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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
 CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Ovary: Interstitial Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/49 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/46.76	1/45.16	1/42.90	0/39.35
POLY-3 PERCENT (g)	4.3%	2.2%	2.3%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	561	719	679	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.228N	P=0.512N	P=0.530N	P=0.278N
POLY 1.5	P=0.214N	P=0.509N	P=0.516N	P=0.259N
POLY 6	P=0.247N	P=0.517N	P=0.552N	P=0.305N
COCH-ARM / FISHERS	P=0.197N	P=0.508N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.189N	P=0.293N	P=0.313N	P=0.114N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	14/50 (28%)	9/50 (18%)	16/50 (32%)
POLY-3 RATE (b)	11/47.49	14/46.77	9/43.37	16/42.94
POLY-3 PERCENT (g)	23.2%	29.9%	20.8%	37.3%
TERMINAL (d)	7/39 (18%)	12/38 (32%)	6/28 (21%)	3/20 (15%)
FIRST INCIDENCE	374	513	618	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.111	P=0.305	P=0.491N	P=0.107
POLY 1.5	P=0.138	P=0.314	P=0.450N	P=0.135
POLY 6	P=0.086	P=0.290	P=0.549N	P=0.080
COCH-ARM / FISHERS	P=0.185	P=0.322	P=0.402N	P=0.184
MAX-ISO-POLY-3	P=0.122	P=0.231	P=0.394N	P=0.080

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.10	0/45.65	0/42.70	1/39.35
POLY-3 PERCENT (g)	4.3%	0%	0%	2.5%
TERMINAL (d)	2/39 (5%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.677N	P=0.239N	P=0.255N	P=0.555N
POLY 1.5	P=0.673N	P=0.238N	P=0.246N	P=0.530N
POLY 6	P=0.675	P=0.242N	P=0.269N	P=0.589N
COCH-ARM / FISHERS	P=0.666N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.203N	P=0.078N	P=0.093N	P=0.339N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	2/45.65	1/42.70	0/39.35
POLY-3 PERCENT (g)	0%	4.4%	2.3%	0%
TERMINAL (d)	0/39 (0%)	2/38 (5%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	---	730 (T)	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.410N	P=0.235	P=0.485	(e)
POLY 1.5	P=0.390N	P=0.237	P=0.492	(e)
POLY 6	P=0.439N	P=0.232	P=0.473	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.364	P=0.076	P=0.158	(e)

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

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas: Artery Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.56
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	676
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.205
POLY 1.5	P=0.036*	(e)	(e)	P=0.219
POLY 6	P=0.030*	(e)	(e)	P=0.187
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas: Artery Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	8/50 (16%)
POLY-3 RATE (b)	0/46.10	0/45.65	3/43.18	8/40.08
POLY-3 PERCENT (g)	0%	0%	7%	20%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	1/28 (4%)	1/20 (5%)
FIRST INCIDENCE	---	---	618	676
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.107	P=0.002**
POLY 1.5	P<0.001**	(e)	P=0.113	P=0.002**
POLY 6	P<0.001**	(e)	P=0.099	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.121	P=0.003**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.038*	P<0.001**

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pancreas: Artery Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	4/39.73
POLY-3 PERCENT (g)	0%	0%	0%	10.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P=0.043*
POLY 1.5	P<0.001**	(e)	(e)	P=0.050*
POLY 6	P<0.001**	(e)	(e)	P=0.036*
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	P=0.059
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	P=0.019*

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

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Antimony trioxide  
CAS Number: 1309-64-4

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Parathyroid Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/39 (0%)	0/41 (0%)	0/43 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/35.93	0/37.06	0/36.23	0/36.11
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/30 (0%)	0/23 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pituitary Gland Angiectasis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.62
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	659
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.205
POLY 1.5	P=0.036*	(e)	(e)	P=0.219
POLY 6	P=0.030*	(e)	(e)	P=0.187
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	22/50 (44%)	16/50 (32%)	17/50 (34%)	21/50 (42%)
POLY-3 RATE (b)	22/46.65	16/46.12	17/44.85	21/42.75
POLY-3 PERCENT (g)	47.2%	34.7%	37.9%	49.1%
TERMINAL (d)	21/39 (54%)	15/38 (40%)	10/28 (36%)	8/20 (40%)
FIRST INCIDENCE	561	589	562	515
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.252	P=0.154N	P=0.245N	P=0.511
POLY 1.5	P=0.304	P=0.150N	P=0.223N	P=0.576
POLY 6	P=0.197	P=0.163N	P=0.282N	P=0.429
COCH-ARM / FISHERS	P=0.386	P=0.151N	P=0.206N	P=0.500N
MAX-ISO-POLY-3	P=0.323	P=0.109N	P=0.188N	P=0.427

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

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

Date Report Requested: 10/15/2014  
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First Dose M/F: 09/22/08 / 09/22/08  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Pituitary Gland: Pars Intermedia Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/46.10	2/45.65	2/43.72	2/39.35
POLY-3 PERCENT (g)	2.2%	4.4%	4.6%	5.1%
TERMINAL (d)	1/39 (3%)	2/38 (5%)	0/28 (0%)	2/20 (10%)
FIRST INCIDENCE	730 (T)	730 (T)	562	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.420	P=0.497	P=0.481	P=0.445
POLY 1.5	P=0.453	P=0.499	P=0.491	P=0.470
POLY 6	P=0.375	P=0.492	P=0.466	P=0.411
COCH-ARM / FISHERS	P=0.496	P=0.500	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.431	P=0.279	P=0.270	P=0.252

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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 First Dose M/F: 09/22/08 / 09/22/08  
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Salivary Glands Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	1/45.65	0/42.70	2/39.35
POLY-3 PERCENT (g)	0%	2.2%	0%	5.1%
TERMINAL (d)	0/39 (0%)	1/38 (3%)	0/28 (0%)	2/20 (10%)
FIRST INCIDENCE	---	730 (T)	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.130	P=0.498	(e)	P=0.204
POLY 1.5	P=0.140	P=0.499	(e)	P=0.218
POLY 6	P=0.117	P=0.495	(e)	P=0.185
COCH-ARM / FISHERS	P=0.154	P=0.500	(e)	P=0.247
MAX-ISO-POLY-3	P=0.080	P=0.159	(e)	P=0.075

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin</b>				
<b>Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	4/49 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	4/45.03	0/42.70	1/39.37
POLY-3 PERCENT (g)	0%	8.9%	0%	2.5%
TERMINAL (d)	0/39 (0%)	2/37 (5%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	649	---	726
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.496N	P=0.057	(e)	P=0.469
POLY 1.5	P=0.477N	P=0.058	(e)	P=0.483
POLY 6	P=0.524N	P=0.056	(e)	P=0.449
COCH-ARM / FISHERS	P=0.456N	P=0.056	(e)	P=0.500
MAX-ISO-POLY-3	P=0.257	P=0.019*	(e)	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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Date Report Requested: 10/15/2014  
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 First Dose M/F: 09/22/08 / 09/22/08  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	8/50 (16%)	5/49 (10%)	9/50 (18%)	9/50 (18%)
POLY-3 RATE (b)	8/46.26	5/44.73	9/43.32	9/40.93
POLY-3 PERCENT (g)	17.3%	11.2%	20.8%	22%
TERMINAL (d)	7/39 (18%)	4/37 (11%)	7/28 (25%)	3/20 (15%)
FIRST INCIDENCE	688	709	593	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.204	P=0.297N	P=0.440	P=0.390
POLY 1.5	P=0.244	P=0.292N	P=0.470	P=0.439
POLY 6	P=0.157	P=0.308N	P=0.394	P=0.324
COCH-ARM / FISHERS	P=0.301	P=0.290N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.308	P=0.206N	P=0.342	P=0.302

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	5/49 (10%)	4/50 (8%)	8/50 (16%)
POLY-3 RATE (b)	2/46.26	5/44.73	4/43.17	8/41.35
POLY-3 PERCENT (g)	4.3%	11.2%	9.3%	19.4%
TERMINAL (d)	1/39 (3%)	4/37 (11%)	3/28 (11%)	1/20 (5%)
FIRST INCIDENCE	688	709	593	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.032*	P=0.203	P=0.306	P=0.029*
POLY 1.5	P=0.039*	P=0.206	P=0.321	P=0.035*
POLY 6	P=0.024*	P=0.196	P=0.281	P=0.021*
COCH-ARM / FISHERS	P=0.051	P=0.210	P=0.339	P=0.046*
MAX-ISO-POLY-3	P=0.026*	P=0.112	P=0.185	P=0.017*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Skin: Epidermis</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/44.65	2/43.17	0/39.35
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/39 (0%)	0/37 (0%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	---	---	593	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.702	(e)	P=0.223	(e)
POLY 1.5	P=0.720N	(e)	P=0.230	(e)
POLY 6	P=0.658	(e)	P=0.212	(e)
COCH-ARM / FISHERS	P=0.692N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.274	(e)	P=0.076	(e)



Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	44/50 (88%)	43/50 (86%)	46/50 (92%)	48/50 (96%)
POLY-3 RATE (b)	44/48.89	43/47.88	46/49.07	48/48.51
POLY-3 PERCENT (g)	90%	89.8%	93.7%	98.9%
TERMINAL (d)	37/39 (95%)	36/38 (95%)	27/28 (96%)	20/20 (100%)
FIRST INCIDENCE	443	513	478	428
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.027*	P=0.628N	P=0.373	P=0.054
POLY 1.5	P=0.036*	P=0.559N	P=0.384	P=0.075
POLY 6	P=0.024*	P=0.566	P=0.341	P=0.042*
COCH-ARM / FISHERS	P=0.065	P=0.500N	P=0.370	P=0.134
MAX-ISO-POLY-3	P=0.044*	P=0.487N	P=0.240	P=0.019*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Forestomach Edema</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Antimony trioxide  
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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Forestomach Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	5/50 (10%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	4/46.10	5/45.69	4/42.75	6/39.89
POLY-3 PERCENT (g)	8.7%	10.9%	9.4%	15%
TERMINAL (d)	4/39 (10%)	4/38 (11%)	3/28 (11%)	4/20 (20%)
FIRST INCIDENCE	730 (T)	719	718	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.248	P=0.494	P=0.601	P=0.282
POLY 1.5	P=0.285	P=0.499	P=0.622	P=0.320
POLY 6	P=0.202	P=0.487	P=0.568	P=0.234
COCH-ARM / FISHERS	P=0.336	P=0.500	P=0.643N	P=0.370
MAX-ISO-POLY-3	P=0.313	P=0.358	P=0.456	P=0.197

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.01	1/45.74	0/42.70	0/39.35
POLY-3 PERCENT (g)	4.3%	2.2%	0%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	443	705	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.187N	P=0.510N	P=0.259N	P=0.279N
POLY 1.5	P=0.182N	P=0.505N	P=0.249N	P=0.260N
POLY 6	P=0.195N	P=0.516N	P=0.275N	P=0.306N
COCH-ARM / FISHERS	P=0.176N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.137N	P=0.291N	P=0.097N	P=0.115N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Stomach, Glandular Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	1/39.51
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
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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Experiment Number: 20601 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thymus</b>				
<b>Depletion Cellular</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/46 (7%)	1/41 (2%)	2/37 (5%)	3/48 (6%)
POLY-3 RATE (b)	3/44.62	1/37.71	2/31.97	3/38.31
POLY-3 PERCENT (g)	6.7%	2.7%	6.3%	7.8%
TERMINAL (d)	0/36 (0%)	0/32 (0%)	0/20 (0%)	0/19 (0%)
FIRST INCIDENCE	374	519	478	498
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.389	P=0.367N	P=0.648N	P=0.590
POLY 1.5	P=0.425	P=0.359N	P=0.627N	P=0.630
POLY 6	P=0.343	P=0.377N	P=0.676N	P=0.537
COCH-ARM / FISHERS	P=0.474	P=0.353N	P=0.603N	P=0.641N
MAX-ISO-POLY-3	P=0.483	P=0.211N	P=0.470N	P=0.428

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thymus Hemorrhage</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/46 (0%)	4/41 (10%)	2/37 (5%)	0/48 (0%)
POLY-3 RATE (b)	0/42.44	4/37.55	2/31.85	0/37.37
POLY-3 PERCENT (g)	0%	10.7%	6.3%	0%
TERMINAL (d)	0/36 (0%)	3/32 (9%)	0/20 (0%)	0/19 (0%)
FIRST INCIDENCE	---	589	505	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.235N	P=0.045*	P=0.176	(e)
POLY 1.5	P=0.207N	P=0.046*	P=0.183	(e)
POLY 6	P=0.279N	P=0.044*	P=0.166	(e)
COCH-ARM / FISHERS	P=0.180N	P=0.045*	P=0.196	(e)
MAX-ISO-POLY-3	P=0.191	P=0.016*	P=0.063	(e)

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	21/50 (42%)	16/50 (32%)	15/50 (30%)	8/50 (16%)
POLY-3 RATE (b)	21/47.40	16/46.22	15/44.44	8/40.37
POLY-3 PERCENT (g)	44.3%	34.6%	33.8%	19.8%
TERMINAL (d)	17/39 (44%)	14/38 (37%)	9/28 (32%)	4/20 (20%)
FIRST INCIDENCE	443	589	505	554
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.016N*	P=0.226N	P=0.204N	P=0.012N*
POLY 1.5	P=0.009N**	P=0.214N	P=0.175N	P=0.006N**
POLY 6	P=0.031N*	P=0.246N	P=0.252N	P=0.024N*
COCH-ARM / FISHERS	P=0.005N**	P=0.204N	P=0.149N	P=0.004N**
MAX-ISO-POLY-3	P=0.019N*	P=0.171N	P=0.155N	P=0.010N**



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Thyroid Gland: Follicular Cell Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/46.10	3/45.65	1/42.70	0/39.35
POLY-3 PERCENT (g)	6.5%	6.6%	2.3%	0%
TERMINAL (d)	3/39 (8%)	3/38 (8%)	1/28 (4%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.082N	P=0.658	P=0.333N	P=0.150N
POLY 1.5	P=0.074N	P=0.661	P=0.319N	P=0.135N
POLY 6	P=0.095N	P=0.652	P=0.355N	P=0.172N
COCH-ARM / FISHERS	P=0.065N	P=0.661N	P=0.309N	P=0.121N
MAX-ISO-POLY-3	P=0.130N	P=0.494	P=0.182N	P=0.065N

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Tooth Malformation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/1 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/1.00	1/1.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	100%	0%	100%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	627	---	691
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	39/50 (78%)	47/50 (94%)	49/50 (98%)
POLY-3 RATE (b)	0/46.10	39/48.51	47/49.47	49/49.98
POLY-3 PERCENT (g)	0%	80.4%	95%	98%
TERMINAL (d)	0/39 (0%)	31/38 (82%)	27/28 (96%)	20/20 (100%)
FIRST INCIDENCE	---	513	478	423
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	1/39.51
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.10	0/45.65	0/42.70	0/39.35
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	0/28 (0%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.10	0/45.65	0/42.70	2/39.51
POLY-3 PERCENT (g)	0%	0%	0%	5.1%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	---	---	---	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.204
POLY 1.5	P=0.036*	(e)	(e)	P=0.219
POLY 6	P=0.030*	(e)	(e)	P=0.186
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 - 03  
 Test Type: CHRONIC  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: RATS/Wistar Han

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Trachea: Epithelium Regeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.10	0/45.65	2/42.75	1/39.35
POLY-3 PERCENT (g)	2.2%	0%	4.7%	2.5%
TERMINAL (d)	1/39 (3%)	0/38 (0%)	1/28 (4%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	---	718	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.481	P=0.502N	P=0.474	P=0.724
POLY 1.5	P=0.512	P=0.501N	P=0.487	P=0.741
POLY 6	P=0.440	P=0.505N	P=0.454	P=0.699
COCH-ARM / FISHERS	P=0.551	P=0.500N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.384	P=0.161N	P=0.266	P=0.458

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Uterus Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/46.10	3/45.65	1/42.75	2/39.51
POLY-3 PERCENT (g)	4.3%	6.6%	2.3%	5.1%
TERMINAL (d)	2/39 (5%)	3/38 (8%)	0/28 (0%)	1/20 (5%)
FIRST INCIDENCE	730 (T)	730 (T)	718	691
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.590N	P=0.495	P=0.526N	P=0.637
POLY 1.5	P=0.566N	P=0.499	P=0.513N	P=0.663
POLY 6	P=0.605	P=0.489	P=0.546N	P=0.600
COCH-ARM / FISHERS	P=0.537N	P=0.500	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.565N	P=0.321	P=0.309N	P=0.441



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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Uterus Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/46.24	0/45.65	1/42.70	2/39.74
POLY-3 PERCENT (g)	2.2%	0%	2.3%	5%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	1/28 (4%)	1/20 (5%)
FIRST INCIDENCE	696	---	730 (T)	621
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.192	P=0.503N	P=0.743	P=0.447
POLY 1.5	P=0.207	P=0.501N	P=0.752	P=0.471
POLY 6	P=0.173	P=0.506N	P=0.728	P=0.415
COCH-ARM / FISHERS	P=0.228	P=0.500N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.215	P=0.162N	P=0.477	P=0.253

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

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

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Uterus: Endometrial Glands Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/46.10	0/45.65	3/43.24	0/39.35
POLY-3 PERCENT (g)	4.3%	0%	6.9%	0%
TERMINAL (d)	2/39 (5%)	0/38 (0%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	730 (T)	---	562	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.363N	P=0.239N	P=0.471	P=0.274N
POLY 1.5	P=0.336N	P=0.238N	P=0.485	P=0.257N
POLY 6	P=0.401N	P=0.242N	P=0.447	P=0.299N
COCH-ARM / FISHERS	P=0.302N	P=0.247N	P=0.500	P=0.247N
MAX-ISO-POLY-3	P=0.221N	P=0.078N	P=0.303	P=0.111N

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Uterus: Endometrial Glands Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	4/50 (8%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.10	4/46.06	2/42.70	1/39.75
POLY-3 PERCENT (g)	0%	8.7%	4.7%	2.5%
TERMINAL (d)	0/39 (0%)	3/38 (8%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	---	610	730 (T)	618
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.509N	P=0.060	P=0.220	P=0.471
POLY 1.5	P=0.479N	P=0.061	P=0.229	P=0.484
POLY 6	P=0.552N	P=0.059	P=0.208	P=0.452
COCH-ARM / FISHERS	P=0.442N	P=0.059	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.192	P=0.019*	P=0.076	P=0.158

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Uterus: Endometrium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.10	1/46.12	2/42.70	0/39.35
POLY-3 PERCENT (g)	0%	2.2%	4.7%	0%
TERMINAL (d)	0/39 (0%)	0/38 (0%)	2/28 (7%)	0/20 (0%)
FIRST INCIDENCE	---	589	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.566N	P=0.500	P=0.220	(e)
POLY 1.5	P=0.540N	P=0.501	P=0.229	(e)
POLY 6	P=0.603N	P=0.499	P=0.208	(e)
COCH-ARM / FISHERS	P=0.506N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.350	P=0.159	P=0.076	(e)

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<b>Uterus: Endometrium Hyperplasia Cystic</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	17/50 (34%)	6/50 (12%)	16/50 (32%)
POLY-3 RATE (b)	9/46.33	17/46.37	6/42.79	16/41.46
POLY-3 PERCENT (g)	19.4%	36.7%	14%	38.6%
TERMINAL (d)	7/39 (18%)	15/38 (40%)	5/28 (18%)	7/20 (35%)
FIRST INCIDENCE	688	519	709	534
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.101	P=0.051	P=0.346N	P=0.037*
POLY 1.5	P=0.132	P=0.053	P=0.317N	P=0.053
POLY 6	P=0.070	P=0.046*	P=0.394N	P=0.023*
COCH-ARM / FISHERS	P=0.184	P=0.055	P=0.288N	P=0.083
MAX-ISO-POLY-3	P=0.041*	P=0.030*	P=0.257N	P=0.027*

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

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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 \*\*\*