

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: 14:18:25
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

F1_53 Wk. SSAC_RE

NTP Study Number: C20601
Lock Date: 06/13/2011
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.2_002
PWG Approval Date: NONE

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

MALE RATS

Organ

Larynx
Lung

Lung: Alveolar Epithelium
Lung: Bronchiole, Epithelium
Lung: Perivascular
Lymph Node, Bronchial

Lymph Node, Mediastinal

Nose
Nose: Respiratory Epithelium
Pancreas

Prostate
Trachea
Urinary Bladder

FEMALE RATS

Organ

Heart
Larynx
Lung

Lung: Alveolar Epithelium
Lung: Alveolus
Lung: Bronchiole, Epithelium
Lung: Perivascular

Morphology

Foreign Body
Fibrosis
Foreign Body
Inflammation Chronic
Proteinosis
Hyperplasia
Hyperplasia
Infiltration Cellular Lymphocyte
Foreign Body
Hyperplasia Lymphoid
Foreign Body
Hyperplasia Lymphoid
Foreign Body
Accumulation, Hyaline Droplet
Atrophy
Inflammation Chronic
Inflammation
Foreign Body
Calculus Gross Observation

Morphology

Cardiomyopathy
Foreign Body
Fibrosis
Foreign Body
Inflammation Chronic
Proteinosis
Hyperplasia
Inflammation
Hyperplasia
Infiltration Cellular Lymphocyte

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

Lymph Node, Bronchial

Lymph Node, Mediastinal

Nose

Trachea

Foreign Body

Hyperplasia Lymphoid

Foreign Body

Hyperplasia Lymphoid

Foreign Body

Foreign Body

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex Hyperplasia				
LESION RATES				
OVERALL (a)	1/10 (10%)	3/10 (30%)	2/10 (20%)	3/10 (30%)
POLY-3 RATE (b)	1/10.00	3/10.00	2/10.00	3/10.00
POLY-3 PERCENT (g)	10%	30%	20%	30%
INT SACRIFICE 1	1/10 (10%)	3/10 (30%)	2/10 (20%)	3/10 (30%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.358	P=0.292	P=0.500	P=0.292
POLY 1.5	P=0.358	P=0.292	P=0.500	P=0.292
POLY 6	P=0.358	P=0.292	P=0.500	P=0.292
COCH-ARM / FISHERS	P=0.354	P=0.291	P=0.500	P=0.291
MAX-ISO-POLY-3	P=0.245	P=0.136	P=0.275	P=0.136

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla Hypertrophy				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/9.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.489N	P=0.500N	P=0.521N	P=0.500N
POLY 1.5	P=0.489N	P=0.500N	P=0.521N	P=0.500N
POLY 6	P=0.489N	P=0.500N	P=0.521N	P=0.500N
COCH-ARM / FISHERS	P=0.489N	P=0.500N	P=0.526N	P=0.500N
MAX-ISO-POLY-3	P=0.132N	P=0.159N	P=0.178N	P=0.159N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Eye: Lens Degeneration				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Eye: Retina				
Atrophy				
LESION RATES				
OVERALL (a)	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	10%	0%	0%
INT SACRIFICE 1	2/10 (20%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	---	---
STATISTICAL TESTS				
POLY 3	P=0.168N	P=0.500N	P=0.227N	P=0.227N
POLY 1.5	P=0.168N	P=0.500N	P=0.227N	P=0.227N
POLY 6	P=0.168N	P=0.500N	P=0.227N	P=0.227N
COCH-ARM / FISHERS	P=0.168N	P=0.500N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.073N	P=0.275N	P=0.067N	P=0.067N

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 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	3/10 (30%)	2/10 (20%)	5/10 (50%)	2/10 (20%)
POLY-3 RATE (b)	3/10.00	2/10.00	5/10.00	2/10.00
POLY-3 PERCENT (g)	30%	20%	50%	20%
INT SACRIFICE 1	3/10 (30%)	2/10 (20%)	5/10 (50%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.466N	P=0.500N	P=0.329	P=0.500N
POLY 1.5	P=0.466N	P=0.500N	P=0.329	P=0.500N
POLY 6	P=0.466N	P=0.500N	P=0.329	P=0.500N
COCH-ARM / FISHERS	P=0.465N	P=0.500N	P=0.325	P=0.500N
MAX-ISO-POLY-3	P=0.422N	P=0.311N	P=0.188	P=0.311N

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 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart Mineralization				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney				
Calculus Micro Observation Only				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	6/10 (60%)	3/10 (30%)	4/10 (40%)	5/10 (50%)
POLY-3 RATE (b)	6/10.00	3/10.00	4/10.00	5/10.00
POLY-3 PERCENT (g)	60%	30%	40%	50%
INT SACRIFICE 1	6/10 (60%)	3/10 (30%)	4/10 (40%)	5/10 (50%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.538	P=0.186N	P=0.333N	P=0.500N
POLY 1.5	P=0.538	P=0.186N	P=0.333N	P=0.500N
POLY 6	P=0.538	P=0.186N	P=0.333N	P=0.500N
COCH-ARM / FISHERS	P=0.539	P=0.185N	P=0.328N	P=0.500N
MAX-ISO-POLY-3	P=0.311N	P=0.090N	P=0.193N	P=0.333N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Cortex, Vein Dilatation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Pelvis Dilatation				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Pelvis Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Congestion				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
<hr/>				
Liver Infiltration Cellular Histiocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Pigmentation Hemosiderin				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Fibrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/10 (10%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	1/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	10%	100%	100%	100%
INT SACRIFICE 1	1/10 (10%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.003**	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

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

Date Report Requested: 10/15/2014
 Time Report Requested: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Proteinosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	100%
INT SACRIFICE 1	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolus Inflammation				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	2/10 (20%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	1/10.00	2/10.00	2/10.00
POLY-3 PERCENT (g)	0%	10%	20%	20%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	2/10 (20%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.226	P=0.500	P=0.227	P=0.227
POLY 1.5	P=0.226	P=0.500	P=0.227	P=0.227
POLY 6	P=0.226	P=0.500	P=0.227	P=0.227
COCH-ARM / FISHERS	P=0.222	P=0.500	P=0.237	P=0.237
MAX-ISO-POLY-3	P=0.151	P=0.159	P=0.067	P=0.067

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchiole, Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	5/10 (50%)	5/10 (50%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	5/10.00	5/10.00	6/10.00
POLY-3 PERCENT (g)	0%	50%	50%	60%
INT SACRIFICE 1	0/10 (0%)	5/10 (50%)	5/10 (50%)	6/10 (60%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.034*	P=0.008**	P=0.008**	P<0.001**
POLY 1.5	P=0.034*	P=0.008**	P=0.008**	P<0.001**
POLY 6	P=0.034*	P=0.008**	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P=0.045*	P=0.016*	P=0.016*	P=0.005**
MAX-ISO-POLY-3	P=0.003**	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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Perivascular Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	4/10 (40%)	4/10 (40%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	4/10.00	4/10.00	3/10.00
POLY-3 PERCENT (g)	0%	40%	40%	30%
INT SACRIFICE 1	0/10 (0%)	4/10 (40%)	4/10 (40%)	3/10 (30%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.353	P=0.033*	P=0.033*	P=0.095
POLY 1.5	P=0.353	P=0.033*	P=0.033*	P=0.095
POLY 6	P=0.353	P=0.033*	P=0.033*	P=0.095
COCH-ARM / FISHERS	P=0.356	P=0.043*	P=0.043*	P=0.105
MAX-ISO-POLY-3	P=0.049*	P=0.007**	P=0.007**	P=0.025*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Foreign Body				
LESION RATES				
OVERALL (a)	0/9 (0%)	8/8 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/9.00	8/8.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/9 (0%)	8/8 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (l)	367 (l)	367 (l)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/9 (0%)	2/8 (25%)	5/10 (50%)	2/10 (20%)
POLY-3 RATE (b)	0/9.00	2/8.00	5/10.00	2/10.00
POLY-3 PERCENT (g)	0%	25%	50%	20%
INT SACRIFICE 1	0/9 (0%)	2/8 (25%)	5/10 (50%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.479	P=0.195	P=0.013*	P=0.251
POLY 1.5	P=0.479	P=0.195	P=0.013*	P=0.251
POLY 6	P=0.479	P=0.195	P=0.013*	P=0.251
COCH-ARM / FISHERS	P=0.480	P=0.206	P=0.022*	P=0.263
MAX-ISO-POLY-3	P=0.058	P=0.056	P=0.003**	P=0.083

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Pigmentation				
LESION RATES				
OVERALL (a)	0/9 (0%)	0/8 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.00	0/8.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/9 (0%)	0/8 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	8/8 (100%)	6/10 (60%)	6/9 (67%)
POLY-3 RATE (b)	0/10.00	8/8.00	6/10.00	6/9.00
POLY-3 PERCENT (g)	0%	100%	60%	66.7%
INT SACRIFICE 1	0/10 (0%)	8/8 (100%)	6/10 (60%)	6/9 (67%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.070	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.070	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.070	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.139	P<0.001**	P=0.005**	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
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/10 (0%)	2/8 (25%)	6/10 (60%)	3/9 (33%)
POLY-3 RATE (b)	0/10.00	2/8.00	6/10.00	3/9.00
POLY-3 PERCENT (g)	0%	25%	60%	33.3%
INT SACRIFICE 1	0/10 (0%)	2/8 (25%)	6/10 (60%)	3/9 (33%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.179	P=0.172	P<0.001**	P=0.074
POLY 1.5	P=0.179	P=0.172	P<0.001**	P=0.074
POLY 6	P=0.179	P=0.172	P<0.001**	P=0.074
COCH-ARM / FISHERS	P=0.197	P=0.183	P=0.005**	P=0.087
MAX-ISO-POLY-3	P=0.014*	P=0.051	P<0.001**	P=0.020*

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
 Time Report Requested: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Pigmentation				
LESION RATES				
OVERALL (a)	5/10 (50%)	5/8 (63%)	8/10 (80%)	5/9 (56%)
POLY-3 RATE (b)	5/10.00	5/8.00	8/10.00	5/9.00
POLY-3 PERCENT (g)	50%	62.5%	80%	55.6%
INT SACRIFICE 1	5/10 (50%)	5/8 (63%)	8/10 (80%)	5/9 (56%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.606N	P=0.480	P=0.174	P=0.582
POLY 1.5	P=0.606N	P=0.480	P=0.174	P=0.582
POLY 6	P=0.606N	P=0.480	P=0.174	P=0.582
COCH-ARM / FISHERS	P=0.609N	P=0.480	P=0.175	P=0.586
MAX-ISO-POLY-3	P=0.353	P=0.316	P=0.080	P=0.410

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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	10%	90%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	9/10 (90%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.159	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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose Inflammation				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	10%	0%	10%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	---	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.471	P=0.500	(e)	P=0.500
POLY 1.5	P=0.471	P=0.500	(e)	P=0.500
POLY 6	P=0.471	P=0.500	(e)	P=0.500
COCH-ARM / FISHERS	P=0.471	P=0.500	(e)	P=0.500
MAX-ISO-POLY-3	P=0.259	P=0.159	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose				
Metaplasia Mucous				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Glands, Respiratory Epithelium Cyst				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	3/10 (30%)	1/10 (10%)	4/10 (40%)	2/10 (20%)
POLY-3 RATE (b)	3/10.00	1/10.00	4/10.00	2/10.00
POLY-3 PERCENT (g)	30%	10%	40%	20%
INT SACRIFICE 1	3/10 (30%)	1/10 (10%)	4/10 (40%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.572N	P=0.292N	P=0.500	P=0.500N
POLY 1.5	P=0.572N	P=0.292N	P=0.500	P=0.500N
POLY 6	P=0.572N	P=0.292N	P=0.500	P=0.500N
COCH-ARM / FISHERS	P=0.574N	P=0.291N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.490N	P=0.136N	P=0.327	P=0.311N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%
INT SACRIFICE 1	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.246N	P=0.227N	P=0.227N	P=0.227N
POLY 1.5	P=0.246N	P=0.227N	P=0.227N	P=0.227N
POLY 6	P=0.246N	P=0.227N	P=0.227N	P=0.227N
COCH-ARM / FISHERS	P=0.253N	P=0.237N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.027N*	P=0.067N	P=0.067N	P=0.067N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	10%	20%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.078	(e)	P=0.500	P=0.227
POLY 1.5	P=0.078	(e)	P=0.500	P=0.227
POLY 6	P=0.078	(e)	P=0.500	P=0.227
COCH-ARM / FISHERS	P=0.078	(e)	P=0.500	P=0.237
MAX-ISO-POLY-3	P=0.073	(e)	P=0.159	P=0.067

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	3/10 (30%)	2/10 (20%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	2/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	30%	20%	20%	0%
INT SACRIFICE 1	3/10 (30%)	2/10 (20%)	2/10 (20%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.085N	P=0.500N	P=0.500N	P=0.095N
POLY 1.5	P=0.085N	P=0.500N	P=0.500N	P=0.095N
POLY 6	P=0.085N	P=0.500N	P=0.500N	P=0.095N
COCH-ARM / FISHERS	P=0.083N	P=0.500N	P=0.500N	P=0.105N
MAX-ISO-POLY-3	P=0.065N	P=0.311N	P=0.311N	P=0.025N*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas				
Basophilic Focus				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	3/10 (30%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	1/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	30%	10%	10%	0%
INT SACRIFICE 1	3/10 (30%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.109N	P=0.292N	P=0.292N	P=0.095N
POLY 1.5	P=0.109N	P=0.292N	P=0.292N	P=0.095N
POLY 6	P=0.109N	P=0.292N	P=0.292N	P=0.095N
COCH-ARM / FISHERS	P=0.110N	P=0.291N	P=0.291N	P=0.105N
MAX-ISO-POLY-3	P=0.034N*	P=0.136N	P=0.136N	P=0.025N*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas: Artery Fibrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Preputial Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/10 (40%)	2/10 (20%)	6/10 (60%)	3/9 (33%)
POLY-3 RATE (b)	4/10.00	2/10.00	6/10.00	3/9.00
POLY-3 PERCENT (g)	40%	20%	60%	33.3%
INT SACRIFICE 1	4/10 (40%)	2/10 (20%)	6/10 (60%)	3/9 (33%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.588	P=0.318N	P=0.333	P=0.566N
POLY 1.5	P=0.588	P=0.318N	P=0.333	P=0.566N
POLY 6	P=0.588	P=0.318N	P=0.333	P=0.566N
COCH-ARM / FISHERS	P=0.588	P=0.314N	P=0.328	P=0.570N
MAX-ISO-POLY-3	P=0.368	P=0.172N	P=0.193	P=0.389N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Prostate Inflammation				
LESION RATES				
OVERALL (a)	3/10 (30%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	3/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	30%	0%	0%	10%
INT SACRIFICE 1	3/10 (30%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.467N	P=0.095N	P=0.095N	P=0.292N
POLY 1.5	P=0.467N	P=0.095N	P=0.095N	P=0.292N
POLY 6	P=0.467N	P=0.095N	P=0.095N	P=0.292N
COCH-ARM / FISHERS	P=0.468N	P=0.105N	P=0.105N	P=0.291N
MAX-ISO-POLY-3	P=0.032N*	P=0.025N*	P=0.025N*	P=0.136N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Prostate: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin Cyst				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	2/10 (20%)	5/10 (50%)	2/10 (20%)	4/10 (40%)
POLY-3 RATE (b)	2/10.00	5/10.00	2/10.00	4/10.00
POLY-3 PERCENT (g)	20%	50%	20%	40%
INT SACRIFICE 1	2/10 (20%)	5/10 (50%)	2/10 (20%)	4/10 (40%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.449	P=0.174	P=0.702	P=0.318
POLY 1.5	P=0.449	P=0.174	P=0.702	P=0.318
POLY 6	P=0.449	P=0.174	P=0.702	P=0.318
COCH-ARM / FISHERS	P=0.449	P=0.175	P=0.709N	P=0.314
MAX-ISO-POLY-3	P=0.282	P=0.080	P=1.000	P=0.172

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	20%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	---	---	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.176	P=0.500N	P=0.500N	P=0.500
POLY 1.5	P=0.176	P=0.500N	P=0.500N	P=0.500
POLY 6	P=0.176	P=0.500N	P=0.500N	P=0.500
COCH-ARM / FISHERS	P=0.176	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.127	P=0.159N	P=0.159N	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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Testes: Germinal Epithelium Degeneration				
LESION RATES				
OVERALL (a)	2/10 (20%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	2/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	20%	0%	0%
INT SACRIFICE 1	2/10 (20%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	367 (I)	367 (I)	---	---
STATISTICAL TESTS				
POLY 3	P=0.112N	P=0.702	P=0.227N	P=0.227N
POLY 1.5	P=0.112N	P=0.702	P=0.227N	P=0.227N
POLY 6	P=0.112N	P=0.702	P=0.227N	P=0.227N
COCH-ARM / FISHERS	P=0.114N	P=0.709N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.108N	P=1.000	P=0.067N	P=0.067N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus Cyst				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	8/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	80%	90%	100%
INT SACRIFICE 1	0/10 (0%)	8/10 (80%)	9/10 (90%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	367 (I)	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Infiltration Cellular Polymorphonuclear				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	367 (l)
STATISTICAL TESTS				
POLY 3	P=0.215	(e)	(e)	P=0.500
POLY 1.5	P=0.215	(e)	(e)	P=0.500
POLY 6	P=0.215	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.212	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.127	(e)	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Urinary Bladder				
Calculus Gross Observation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	3/10 (30%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	3/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	30%	20%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	3/10 (30%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	367 (I)	367 (I)
STATISTICAL TESTS				
POLY 3	P=0.138	(e)	P=0.095	P=0.227
POLY 1.5	P=0.138	(e)	P=0.095	P=0.227
POLY 6	P=0.138	(e)	P=0.095	P=0.227
COCH-ARM / FISHERS	P=0.145	(e)	P=0.105	P=0.237
MAX-ISO-POLY-3	P=0.066	(e)	P=0.025*	P=0.067

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	0%	10%	10%	10%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.494	P=0.500	P=0.500	P=0.500
POLY 1.5	P=0.494	P=0.500	P=0.500	P=0.500
POLY 6	P=0.494	P=0.500	P=0.500	P=0.500
COCH-ARM / FISHERS	P=0.494	P=0.500	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.338	P=0.159	P=0.159	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla Hypertrophy				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	1/10 (10%)	1/10 (10%)	3/10 (30%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	1/10.00	3/10.00	0/10.00
POLY-3 PERCENT (g)	10%	10%	30%	0%
INT SACRIFICE 1	1/10 (10%)	1/10 (10%)	3/10 (30%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.326N	P=0.760	P=0.292	P=0.500N
POLY 1.5	P=0.326N	P=0.760	P=0.292	P=0.500N
POLY 6	P=0.326N	P=0.760	P=0.292	P=0.500N
COCH-ARM / FISHERS	P=0.326N	P=0.763N	P=0.291	P=0.500N
MAX-ISO-POLY-3	P=0.210N	P=1.000	P=0.136	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Clitoral Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/10 (40%)	3/10 (30%)	3/10 (30%)	1/10 (10%)
POLY-3 RATE (b)	4/10.00	3/10.00	3/10.00	1/10.00
POLY-3 PERCENT (g)	40%	30%	30%	10%
INT SACRIFICE 1	4/10 (40%)	3/10 (30%)	3/10 (30%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.124N	P=0.500N	P=0.500N	P=0.148N
POLY 1.5	P=0.124N	P=0.500N	P=0.500N	P=0.148N
POLY 6	P=0.124N	P=0.500N	P=0.500N	P=0.148N
COCH-ARM / FISHERS	P=0.119N	P=0.500N	P=0.500N	P=0.152N
MAX-ISO-POLY-3	P=0.115N	P=0.327N	P=0.327N	P=0.058N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Eye: Lens Degeneration				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Eye: Retina				
Atrophy				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	10%	10%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.541	P=0.500N	P=0.760	P=0.760
POLY 1.5	P=0.541	P=0.500N	P=0.760	P=0.760
POLY 6	P=0.541	P=0.500N	P=0.760	P=0.760
COCH-ARM / FISHERS	P=0.543	P=0.500N	P=0.763N	P=0.763N
MAX-ISO-POLY-3	P=0.541	P=0.159N	P=1.000	P=1.000

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	0/10 (0%)	3/10 (30%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	3/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	30%	0%	10%
INT SACRIFICE 1	0/10 (0%)	3/10 (30%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	---	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.599N	P=0.095	(e)	P=0.500
POLY 1.5	P=0.599N	P=0.095	(e)	P=0.500
POLY 6	P=0.599N	P=0.095	(e)	P=0.500
COCH-ARM / FISHERS	P=0.595N	P=0.105	(e)	P=0.500
MAX-ISO-POLY-3	P=0.246	P=0.025*	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart Mineralization				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney				
Calculus Micro Observation Only				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	10%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.529N	P=0.500	P=0.500	(e)
POLY 1.5	P=0.529N	P=0.500	P=0.500	(e)
POLY 6	P=0.529N	P=0.500	P=0.500	(e)
COCH-ARM / FISHERS	P=0.529N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.409	P=0.159	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	0/10 (0%)	2/10 (20%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	2/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	0%	20%	10%	20%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.321	P=0.227	P=0.500	P=0.227
POLY 1.5	P=0.321	P=0.227	P=0.500	P=0.227
POLY 6	P=0.321	P=0.227	P=0.500	P=0.227
COCH-ARM / FISHERS	P=0.318	P=0.237	P=0.500	P=0.237
MAX-ISO-POLY-3	P=0.151	P=0.067	P=0.159	P=0.067

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Cortex, Vein Dilatation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.215	(e)	(e)	P=0.500
POLY 1.5	P=0.215	(e)	(e)	P=0.500
POLY 6	P=0.215	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.212	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.127	(e)	(e)	P=0.159

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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Pelvis Dilatation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Kidney: Pelvis Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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
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Date Report Requested: 10/15/2014
 Time Report Requested: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Larynx				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver Congestion				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	368 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Pigmentation Hemosiderin				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	368 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.785N	(e)	P=0.500	(e)
POLY 1.5	P=0.785N	(e)	P=0.500	(e)
POLY 6	P=0.785N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.788N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.390	(e)	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Fibrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	10%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.307	(e)	P=0.500	P=0.500
POLY 1.5	P=0.307	(e)	P=0.500	P=0.500
POLY 6	P=0.307	(e)	P=0.500	P=0.500
COCH-ARM / FISHERS	P=0.303	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.259	(e)	P=0.159	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/10 (20%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	2/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	20%	100%	100%	100%
INT SACRIFICE 1	2/10 (20%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.007**	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
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: 14:18:25
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung Proteinosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%
INT SACRIFICE 1	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.002**	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=0.002**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Alveolus Inflammation				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	3/10.00
POLY-3 PERCENT (g)	0%	10%	0%	30%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	3/10 (30%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.031*	P=0.500	(e)	P=0.095
POLY 1.5	P=0.031*	P=0.500	(e)	P=0.095
POLY 6	P=0.031*	P=0.500	(e)	P=0.095
COCH-ARM / FISHERS	P=0.036*	P=0.500	(e)	P=0.105
MAX-ISO-POLY-3	P=0.016*	P=0.159	(e)	P=0.025*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Bronchiole, Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	3/10.00
POLY-3 PERCENT (g)	0%	10%	0%	30%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	3/10 (30%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	---	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.031*	P=0.500	(e)	P=0.095
POLY 1.5	P=0.031*	P=0.500	(e)	P=0.095
POLY 6	P=0.031*	P=0.500	(e)	P=0.095
COCH-ARM / FISHERS	P=0.036*	P=0.500	(e)	P=0.105
MAX-ISO-POLY-3	P=0.016*	P=0.159	(e)	P=0.025*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung: Perivascular Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	4/10 (40%)	5/10 (50%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	4/10.00	5/10.00	3/10.00
POLY-3 PERCENT (g)	0%	40%	50%	30%
INT SACRIFICE 1	0/10 (0%)	4/10 (40%)	5/10 (50%)	3/10 (30%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.365	P=0.033*	P=0.008**	P=0.095
POLY 1.5	P=0.365	P=0.033*	P=0.008**	P=0.095
POLY 6	P=0.365	P=0.033*	P=0.008**	P=0.095
COCH-ARM / FISHERS	P=0.369	P=0.043*	P=0.016*	P=0.105
MAX-ISO-POLY-3	P=0.034*	P=0.007**	P<0.001**	P=0.025*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Foreign Body				
LESION RATES				
OVERALL (a)	0/7 (0%)	7/8 (88%)	9/9 (100%)	4/5 (80%)
POLY-3 RATE (b)	0/7.00	7/8.00	9/9.00	4/5.00
POLY-3 PERCENT (g)	0%	87.5%	100%	80%
INT SACRIFICE 1	0/7 (0%)	7/8 (88%)	9/9 (100%)	4/5 (80%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	368 (l)	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.006**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.006**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.006**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.078	P<0.001**	P<0.001**	P=0.010**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/7 (0%)	4/8 (50%)	2/9 (22%)	1/5 (20%)
POLY-3 RATE (b)	0/7.00	4/8.00	2/9.00	1/5.00
POLY-3 PERCENT (g)	0%	50%	22.2%	20%
INT SACRIFICE 1	0/7 (0%)	4/8 (50%)	2/9 (22%)	1/5 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.623N	P=0.036*	P=0.285	P=0.432
POLY 1.5	P=0.623N	P=0.036*	P=0.285	P=0.432
POLY 6	P=0.623N	P=0.036*	P=0.285	P=0.432
COCH-ARM / FISHERS	P=0.620N	P=0.051	P=0.300	P=0.417
MAX-ISO-POLY-3	P=0.185	P=0.009**	P=0.106	P=0.132

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Bronchial Pigmentation				
LESION RATES				
OVERALL (a)	0/7 (0%)	0/8 (0%)	0/9 (0%)	1/5 (20%)
POLY-3 RATE (b)	0/7.00	0/8.00	0/9.00	1/5.00
POLY-3 PERCENT (g)	0%	0%	0%	20%
INT SACRIFICE 1	0/7 (0%)	0/8 (0%)	0/9 (0%)	1/5 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.136	(e)	(e)	P=0.432
POLY 1.5	P=0.136	(e)	(e)	P=0.432
POLY 6	P=0.136	(e)	(e)	P=0.432
COCH-ARM / FISHERS	P=0.141	(e)	(e)	P=0.417
MAX-ISO-POLY-3	P=0.062	(e)	(e)	P=0.132

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	9/9 (100%)	5/10 (50%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	9/9.00	5/10.00	6/10.00
POLY-3 PERCENT (g)	0%	100%	50%	60%
INT SACRIFICE 1	0/10 (0%)	9/9 (100%)	5/10 (50%)	6/10 (60%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.182	P<0.001**	P=0.008**	P<0.001**
POLY 1.5	P=0.182	P<0.001**	P=0.008**	P<0.001**
POLY 6	P=0.182	P<0.001**	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P=0.248	P<0.001**	P=0.016*	P=0.005**
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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/10 (0%)	8/9 (89%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	8/9.00	0/10.00	3/10.00
POLY-3 PERCENT (g)	0%	88.9%	0%	30%
INT SACRIFICE 1	0/10 (0%)	8/9 (89%)	0/10 (0%)	3/10 (30%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.530N	P<0.001**	(e)	P=0.095
POLY 1.5	P=0.530N	P<0.001**	(e)	P=0.095
POLY 6	P=0.530N	P<0.001**	(e)	P=0.095
COCH-ARM / FISHERS	P=0.519N	P<0.001**	(e)	P=0.105
MAX-ISO-POLY-3	P=0.003**	P<0.001**	(e)	P=0.025*

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lymph Node, Mediastinal Pigmentation				
LESION RATES				
OVERALL (a)	8/10 (80%)	8/9 (89%)	8/10 (80%)	8/10 (80%)
POLY-3 RATE (b)	8/10.00	8/9.00	8/10.00	8/10.00
POLY-3 PERCENT (g)	80%	88.9%	80%	80%
INT SACRIFICE 1	8/10 (80%)	8/9 (89%)	8/10 (80%)	8/10 (80%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.547N	P=0.538	P=0.702	P=0.702
POLY 1.5	P=0.547N	P=0.538	P=0.702	P=0.702
POLY 6	P=0.547N	P=0.538	P=0.702	P=0.702
COCH-ARM / FISHERS	P=0.550N	P=0.542	P=0.709N	P=0.709N
MAX-ISO-POLY-3	P=0.633N	P=0.311	P=1.000	P=1.000

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	40%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	368 (l)
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P=0.033*
POLY 1.5	P<0.001**	(e)	(e)	P=0.033*
POLY 6	P<0.001**	(e)	(e)	P=0.033*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.007**

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose Inflammation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose				
Metaplasia Mucous				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.215	(e)	(e)	P=0.500
POLY 1.5	P=0.215	(e)	(e)	P=0.500
POLY 6	P=0.215	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.212	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.127	(e)	(e)	P=0.159

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: 14:18:25
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Glands, Respiratory Epithelium Cyst				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	2/10 (20%)	2/10 (20%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	2/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	20%	20%	10%	20%
INT SACRIFICE 1	2/10 (20%)	2/10 (20%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.623	P=0.702	P=0.500N	P=0.702
POLY 1.5	P=0.623	P=0.702	P=0.500N	P=0.702
POLY 6	P=0.623	P=0.702	P=0.500N	P=0.702
COCH-ARM / FISHERS	P=0.629	P=0.709N	P=0.500N	P=0.709N
MAX-ISO-POLY-3	P=0.609N	P=1.000	P=0.275N	P=1.000

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	10%	0%	10%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.471	P=0.500	(e)	P=0.500
POLY 1.5	P=0.471	P=0.500	(e)	P=0.500
POLY 6	P=0.471	P=0.500	(e)	P=0.500
COCH-ARM / FISHERS	P=0.471	P=0.500	(e)	P=0.500
MAX-ISO-POLY-3	P=0.259	P=0.159	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	0%	10%	0%	20%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.146	P=0.500	(e)	P=0.227
POLY 1.5	P=0.146	P=0.500	(e)	P=0.227
POLY 6	P=0.146	P=0.500	(e)	P=0.227
COCH-ARM / FISHERS	P=0.146	P=0.500	(e)	P=0.237
MAX-ISO-POLY-3	P=0.073	P=0.159	(e)	P=0.067

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Nose: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.215	(e)	(e)	P=0.500
POLY 1.5	P=0.215	(e)	(e)	P=0.500
POLY 6	P=0.215	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.212	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.127	(e)	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary Cyst				
LESION RATES				
OVERALL (a)	2/10 (20%)	1/10 (10%)	4/10 (40%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	1/10.00	4/10.00	0/10.00
POLY-3 PERCENT (g)	20%	10%	40%	0%
INT SACRIFICE 1	2/10 (20%)	1/10 (10%)	4/10 (40%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.207N	P=0.500N	P=0.318	P=0.227N
POLY 1.5	P=0.207N	P=0.500N	P=0.318	P=0.227N
POLY 6	P=0.207N	P=0.500N	P=0.318	P=0.227N
COCH-ARM / FISHERS	P=0.214N	P=0.500N	P=0.314	P=0.237N
MAX-ISO-POLY-3	P=0.127N	P=0.275N	P=0.172	P=0.067N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	10%	20%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.078	(e)	P=0.500	P=0.227
POLY 1.5	P=0.078	(e)	P=0.500	P=0.227
POLY 6	P=0.078	(e)	P=0.500	P=0.227
COCH-ARM / FISHERS	P=0.078	(e)	P=0.500	P=0.237
MAX-ISO-POLY-3	P=0.073	(e)	P=0.159	P=0.067

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas				
Basophilic Focus				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	10%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.307	(e)	P=0.500	P=0.500
POLY 1.5	P=0.307	(e)	P=0.500	P=0.500
POLY 6	P=0.307	(e)	P=0.500	P=0.500
COCH-ARM / FISHERS	P=0.303	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.259	(e)	P=0.159	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pancreas: Artery Fibrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	2/10 (20%)	2/10 (20%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	2/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	20%	20%	0%	10%
INT SACRIFICE 1	2/10 (20%)	2/10 (20%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	---	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.383N	P=0.702	P=0.227N	P=0.500N
POLY 1.5	P=0.383N	P=0.702	P=0.227N	P=0.500N
POLY 6	P=0.383N	P=0.702	P=0.227N	P=0.500N
COCH-ARM / FISHERS	P=0.381N	P=0.709N	P=0.237N	P=0.500N
MAX-ISO-POLY-3	P=0.261N	P=1.000	P=0.067N	P=0.275N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Cyst				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.490N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.490N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.490N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.159N	P=0.159N	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	4/10 (40%)	6/10 (60%)	6/10 (60%)	7/10 (70%)
POLY-3 RATE (b)	4/10.00	6/10.00	6/10.00	7/10.00
POLY-3 PERCENT (g)	40%	60%	60%	70%
INT SACRIFICE 1	4/10 (40%)	6/10 (60%)	6/10 (60%)	7/10 (70%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.212	P=0.333	P=0.333	P=0.186
POLY 1.5	P=0.212	P=0.333	P=0.333	P=0.186
POLY 6	P=0.212	P=0.333	P=0.333	P=0.186
COCH-ARM / FISHERS	P=0.206	P=0.328	P=0.328	P=0.185
MAX-ISO-POLY-3	P=0.152	P=0.193	P=0.193	P=0.090

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus Cyst				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	20%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368 (I)	---	368 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.457N	P=0.500N	P=0.500	P=0.500N
POLY 1.5	P=0.457N	P=0.500N	P=0.500	P=0.500N
POLY 6	P=0.457N	P=0.500N	P=0.500	P=0.500N
COCH-ARM / FISHERS	P=0.457N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.323N	P=0.159N	P=0.275	P=0.159N

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thymus Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	10%	0%	10%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	---	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.471	P=0.500	(e)	P=0.500
POLY 1.5	P=0.471	P=0.500	(e)	P=0.500
POLY 6	P=0.471	P=0.500	(e)	P=0.500
COCH-ARM / FISHERS	P=0.471	P=0.500	(e)	P=0.500
MAX-ISO-POLY-3	P=0.259	P=0.159	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	368 (l)
STATISTICAL TESTS				
POLY 3	P=0.215	(e)	(e)	P=0.500
POLY 1.5	P=0.215	(e)	(e)	P=0.500
POLY 6	P=0.215	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.212	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.127	(e)	(e)	P=0.159

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: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea				
Foreign Body				
LESION RATES				
OVERALL (a)	0/10 (0%)	6/10 (60%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	6/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	60%	100%	100%
INT SACRIFICE 1	0/10 (0%)	6/10 (60%)	10/10 (100%)	10/10 (100%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (I)	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.005**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(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: 14:18:25
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(Wistar Han)
LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Trachea Infiltration Cellular Polymorphonuclear				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Urinary Bladder				
Calculus Gross Observation				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20601 - 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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus Dilatation				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	368 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.571N	P=0.500	(e)	(e)
POLY 1.5	P=0.571N	P=0.500	(e)	(e)
POLY 6	P=0.571N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.572N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.159	(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
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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)
 LAST REMOVAL AT 53 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus: Endometrial Glands Metaplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	10%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	368 (I)	368 (I)
STATISTICAL TESTS				
POLY 3	P=0.307	(e)	P=0.500	P=0.500
POLY 1.5	P=0.307	(e)	P=0.500	P=0.500
POLY 6	P=0.307	(e)	P=0.500	P=0.500
COCH-ARM / FISHERS	P=0.303	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.259	(e)	P=0.159	P=0.159

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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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 ***