

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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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WISTAR HAN RATS MALE	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
Control	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10		
Liver	+	+	+	+	+	+	+	+	+	+	10		
Pancreas	+	+	+	+	+	+	+	+	+	+	10		
Atrophy							1	1		1		3	1.0
Inflammation, Chronic Active						1	1	1				3	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10		
Ulcer										1		1	1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic Active								1				1	1.0

CARDIOVASCULAR SYSTEM

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 1) Minimal 3) Moderate
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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS MALE	6	6	6	6	6	6	6	6	6	6	
Control	7	7	7	7	7	7	7	7	7	7	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
* TOTALS											

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart	+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy	1			1	1							3 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia				1								1 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Hypertrophy										1		1 1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Pars Distalis, Hyperplasia		1										1 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10	

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	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7		
Control	ANIMAL ID											
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	2	3	3	4	4		
	3	6	7	8	9	3	4	8	4	5		
Inflammation, Chronic Active	2			1			1	2			4 1.5	
Prostate	+	+	+	+	+	+	+	+	+		10	
Inflammation, Suppurative	1				1				1		3 1.0	
Seminal Vesicle	+	+	+	+	+	+	+	+	+		10	
Testes	+	+	+	+	+	+	+	+	+		10	
Germinal Epithelium, Degeneration	1		2								2 1.5	
HEMATOPOIETIC SYSTEM												
Bone Marrow	+	+	+	+	+	+	+	+	+		10	
Lymph Node, Bronchial	+	+	+	+	+	+	M	+	+		9	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+		10	
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+		10	
Pigmentation	1		1		1		1				5 1.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+		10	
Spleen	+	+	+	+	+	+	+	+	+		10	
Hematopoietic Cell Proliferation	1						1				2 1.0	
Thymus	+	+	+	+	+	+	+	+	+		10	
INTEGUMENTARY SYSTEM												
Mammary Gland	M	+	M	+	M	M	M	M	+	+		4

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	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
Control	ANIMAL ID										
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
SKIN											
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte		2									1 2.0
Lung	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active						1					1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Accumulation, Hyaline Droplet	1		2		2						3 1.7
Respiratory Epithelium, Accumulation, Hyaline Droplet			1		1						2 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Retina, Atrophy					2		1				2 1.5

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		0	0	0	0	0	0	0	0	0		
WISTAR HAN RATS MALE	DAY ON TEST	3	3	3	3	3	3	3	3	3		
		6	6	6	6	6	6	6	6	6		
		7	7	7	7	7	7	7	7	7		
	Control											
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		0	0	0	0	2	3	3	4	4		
		3	6	7	8	9	3	4	8	4	5	
* TOTALS												
Harderian Gland		+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM												
Kidney		+	+	+	+	+	+	+	+	+	10	
Nephropathy			2		2	1		1	1	1	6 1.3	
Pelvis, Dilatation					1						1 1.0	
Urinary Bladder		+	+	+	+	+	+	+	+	+	10	

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WISTAR HAN RATS MALE	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
3 mg/m3	0 0 2 0 3	0 0 0 0 6	0 0 2 0 7	0 0 2 0 8	0 0 2 0 9	0 0 2 1 7	0 0 2 2 3	0 0 2 3 4	0 0 2 4 4	0 0 2 4 5	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	M	+	+	+	+	+	+	+	9	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Congestion			1									1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Atrophy							1		1			2 1.0
Inflammation, Chronic Active									1			1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

CARDIOVASCULAR SYSTEM

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	
	3	3	3	3	3	3	3	3	3	3		
WISTAR HAN RATS MALE	6	6	6	6	6	6	6	6	6	6		
3 mg/m3	7	7	7	7	7	7	7	7	7	7		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	0	0	0	0	0	1	2	3	4	4		
	3	6	7	8	9	7	3	4	4	5		
* TOTALS												

Blood Vessel	+	+	+	+	+	+	+	+	+	+		10
Heart	+	+	+	+	+	+	+	+	+	+		10
Cardiomyopathy			1				1					2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+		10
Hyperplasia	2						1			1		3 1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+		10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+		10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+		10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+		10
Hyperplasia, Squamous									2			1 2.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+		10
Preputial Gland	+	+	+	+	+	+	+	+	+	+		10
Inflammation, Chronic Active	1									1		2 1.0

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WISTAR HAN RATS MALE 3 mg/m3	DAY ON TEST										* TOTALS		
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7			
ANIMAL ID	0 0 2 0 3	0 0 2 0 6	0 0 2 0 7	0 0 2 0 8	0 0 2 0 9	0 0 2 1 7	0 0 2 2 3	0 0 2 3 4	0 0 2 4 4	0 0 2 4 5			
Prostate Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	10	1	1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10		
Testes Germinal Epithelium, Degeneration	+	+	+	+	+	+	+	+	+	+	10	2	3.0
HEMATOPOIETIC SYSTEM													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Bronchial Foreign Body Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	M	M	8	8	2 1.5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+	9		
Lymph Node, Mediastinal Foreign Body Hyperplasia, Lymphoid Pigmentation	+	+	+	M	+	M	+	+	+	+	8	8	2 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	10	5	1.2
Thymus	+	+	+	+	+	+	+	+	+	+	10		

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DAY ON TEST		0	0	0	0	0	0	0	0	0	
WISTAR HAN RATS MALE	3	3	3	3	3	3	3	3	3	3	
	6	6	6	6	6	6	6	6	6	6	
	7	7	7	7	7	7	7	7	7	7	
	<hr/>										
3 mg/m3	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	1	2	3	4	4	
	3	6	7	8	9	7	3	4	4	5	
* TOTALS											

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	+	M	M	M	M	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
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RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Fibrosis	1	1	1	1	1	1	1	2	1	1	10 1.1
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Inflammation, Chronic Active	2	2	2	2	2	2	2	3	2	2	10 2.1
Proteinosis		1	1	1	1	1	1	1	1	1	9 1.0
Alveolar Epithelium, Hyperplasia	1	1	1	1	2	1	1	2	1	1	10 1.2
Alveolus, Inflammation, Suppurative						1					1 1.0
Bronchiole, Epithelium, Hyperplasia			1	1				1	1	1	5 1.0
Perivascular, Infiltration Cellular, Lymphocyte			1	1		1				1	4 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Suppurative								1			1 1.0

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	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
3 mg/m3	ANIMAL ID										
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	1	2	3	4	4	
	3	6	7	8	9	7	3	4	4	5	
Olfactory Epithelium, Accumulation, Hyaline Droplet	1										1 1.0
Trachea Foreign Body	+	+	+	+	+	+	+	+	+	+	10
	X		X	X	X	X	X	X	X		8
SPECIAL SENSES SYSTEM											
Eye Retina, Atrophy	+	+	+	+	+	+	+	+	+	+	10
	2										1 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney Nephropathy	+	+	+	+	+	+	+	+	+	+	10
Pelvis, Inflammation, Chronic Active			1			2			2		3 1.7
									2		1 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS MALE	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
10 mg/m3	0 0 4 0 3	0 0 4 0 6	0 0 4 0 7	0 0 4 0 8	0 0 4 0 9	0 0 4 2 3	0 0 4 3 4	0 0 4 3 8	0 0 4 4 4	0 0 4 4 5	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Atrophy						2	1				2 1.5
Inflammation, Chronic Active		1									1 1.0
Arteriole, Inflammation, Chronic Active			1								1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy		2	1	1	1					1	5 1.2
ENDOCRINE SYSTEM											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia			1					1			2 1.0
Adrenal Medulla	+	+	+	M	+	+	+	+	+	+	9
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTEM											
NONE											
GENITAL SYSTEM											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active	1	1			1		1		1	2	6 1.2

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Hyperplasia, Lymphoid	1	1	1			1			1		5 1.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+	9
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10
Foreign Body		X	X		X			X	X	X	6
Hyperplasia, Lymphoid		1	2		1			2	1	1	6 1.3
Pigmentation	1	1		1		1	1	1	1	1	8 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1									2 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											

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 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
Mammary Gland	M	M	M	M	M	M	M	+	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	10
Fibrosis								4			1 4.0
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Fibrosis	2	1	1	2	2	2	2	2	2	2	10 1.8
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Inflammation, Chronic Active	3	3	3	3	3	3	3	2	3	3	10 2.9
Metaplasia, Osseous					1						1 1.0
Proteinosis	1	3	1	1	1	1	2	2	1	1	10 1.4
Alveolar Epithelium, Hyperplasia	2	1	2	2	2	2	2	2	2	2	10 1.9
Alveolus, Inflammation, Suppurative			1				1				2 1.0
Bronchiole, Epithelium, Hyperplasia				1		1		1	1	1	5 1.0
Perivascular, Infiltration Cellular, Lymphocyte		1				1	1			1	4 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Foreign Body							X				1

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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
WISTAR HAN RATS MALE	6	6	6	6	6	6	6	6	6	6		
	7	7	7	7	7	7	7	7	7	7		
10 mg/m3	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	4	4	4	4	4	4	4	4	4	4		
	0	0	0	0	0	2	3	3	4	4		
	3	6	7	8	9	3	4	8	4	5		
* TOTALS												
Glands, Respiratory Epithelium, Cyst											1	1 1.0
Olfactory Epithelium, Accumulation, Hyaline Droplet	2			1			1			1	4 1.3	
Respiratory Epithelium, Hyperplasia											1	1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X	X	X	X	X	X	X	X	X		9
SPECIAL SENSES SYSTEM												
Eye	+	+	+	+	+	+	+	+	+	+	10	
Lens, Degeneration				3								1 3.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy				1	1			2	1			4 1.3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	
Calculus Gross Observation			X	X					X			3

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Experiment Number: 20601 - 03
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 Antimony trioxide
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 Time Report Requested: 14:18:25
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE	DAY ON TEST										* TOTALS
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	
30 mg/m3	ANIMAL ID										
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	6	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10
					1				1		2 1.0

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
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 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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 Antimony trioxide
 CAS Number: 1309-64-4

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

WISTAR HAN RATS MALE	DAY ON TEST										ANIMAL ID	
	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7	0 3 6 7		
30 mg/m3	0 0 6 0 3	0 0 6 0 6	0 0 6 0 7	0 0 6 0 8	0 0 6 0 9	0 0 6 2 3	0 0 6 3 4	0 0 6 3 8	0 0 6 3 4	0 0 6 4 5		
											* TOTALS	

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy		1		1							2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia					1	1				1	3 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	M	+	M	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	M	+	+	+	+	+	9
Inflammation, Chronic Active		1		2				2			3 1.7
Prostate	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Suppurative								1			1 1.0

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 Antimony trioxide
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 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3
WISTAR HAN RATS MALE	6	6	6	6	6	6	6	6	6	6
30 mg/m3	7	7	7	7	7	7	7	7	7	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	2	3	3	4	4
	3	6	7	8	9	3	4	8	4	5
* TOTALS										

Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Hyperplasia, Lymphoid						2				1	2 1.5
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	M	8
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	M	9
Foreign Body	X		X	X		X	X	X			6
Hyperplasia, Lymphoid			1	1	3						3 1.7
Pigmentation			1	1	1			1		1	5 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation						1		1		1	4 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	M	+	M	+	M	M	M	M	+	M	3
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST		0	0	0	0	0	0	0	0	0		
WISTAR HAN RATS MALE		3	3	3	3	3	3	3	3	3		
		6	6	6	6	6	6	6	6	6		
		7	7	7	7	7	7	7	7	7		
	30 mg/m3											
ANIMAL ID		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		6	6	6	6	6	6	6	6	6		
		0	0	0	0	0	2	3	3	4	4	
		3	6	7	8	9	3	4	8	4	5	
* TOTALS												
Skin		+	+	+	+	+	+	+	+	+	10	
MUSCULOSKELETAL SYSTEM												
Bone		+	+	+	+	+	+	+	+	+	10	
NERVOUS SYSTEM												
Brain		+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM												
Larynx		+	+	+	+	+	+	+	+	+	10	
	Foreign Body	X	X	X	X	X	X	X	X	X	10	
Lung		+	+	+	+	+	+	+	+	+	10	
	Fibrosis	2	2	2	2	2	1	2	1	2	10 1.8	
	Foreign Body	X	X	X	X	X	X	X	X	X	10	
	Inflammation, Chronic Active	3	1	3	4	4	3	3	3	3	10 3.0	
	Proteinosis	2	3	3	2	3	1	2	3	2	10 2.4	
	Alveolar Epithelium, Hyperplasia	2	3	2	3	3	1	2	2	2	10 2.2	
	Alveolus, Inflammation, Suppurative				1		2				2 1.5	
	Bronchiole, Epithelium, Hyperplasia		1	1				1	1	1	6 1.0	
	Perivascular, Infiltration Cellular, Lymphocyte	1		1			1				3 1.0	
Nose		+	+	+	+	+	+	+	+	+	10	
	Foreign Body	X	X		X	X	X	X	X	X	9	
	Inflammation, Suppurative								1		1 1.0	
	Olfactory Epithelium, Accumulation, Hyaline Droplet			1				1			2 1.0	

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	3	3	3	3	3	3	3	3	3	3			
WISTAR HAN RATS MALE	6	6	6	6	6	6	6	6	6	6			
	7	7	7	7	7	7	7	7	7	7			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
30 mg/m3	6	6	6	6	6	6	6	6	6	6			
	0	0	0	0	0	2	3	3	4	4			
	3	6	7	8	9	3	4	8	4	5			* TOTALS
Respiratory Epithelium, Hyperplasia	1							1					2 1.0
Trachea	+	+	+	+	+	+	+	+	+	+			10
Foreign Body	X	X	X	X	X	X	X	X	X	X			10
Infiltration Cellular, Polymorphonuclear								1					1 1.0
SPECIAL SENSES SYSTEM													
Eye	+	+	+	+	+	+	+	+	+	+			10
Harderian Gland	+	+	+	+	+	+	+	+	+	+			10
URINARY SYSTEM													
Kidney	+	+	+	+	+	+	+	+	+	+			10
Nephropathy		1	2				1	1	2				5 1.4
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			10
Calculus Gross Observation			X					X					2

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
Control	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Basophilic Focus								X			1
Hematopoietic Cell Proliferation		2									1 2.0
Hepatodiaphragmatic Nodule			X								1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
Control	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
* TOTALS											

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart Mineralization	+	+	+	+	+	+	+	+	+	+	10	1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	10	2 2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10	4 1.0
Ovary Cyst	+	+	+	+	+	+	+	+	+	+	10	2 1.0

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 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
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 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS FEMALE Control	DAY ON TEST										* TOTALS	
	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8		
ANIMAL ID	0 0 1 0 3	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 2 3	0 0 1 3 4	0 0 1 3 4	0 0 1 4 8	0 0 1 4 5		
Uterus	+	+	+	+	+	+	+	+	+	+	10	
HEMATOPOIETIC SYSTEM												
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	10	1 1.0
Lymph Node, Bronchial	M	+	+	+	M	+	+	M	+	+	7	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mediastinal Pigmentation	+	+	+	+	+	+	+	+	+	+	10	8 1.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	10	4 1.0
Thymus Cyst	+	+	+	+	+	+	+	+	+	+	10	1 2.0
INTEGUMENTARY SYSTEM												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Skin Cyst, Squamous	+	+	+	+	+	+	+	+	+	+	10	1 2.0
MUSCULOSKELETAL SYSTEM												

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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS FEMALE Control	DAY ON TEST										* TOTALS
	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	2	3	3	4	4	
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active	1				1						2 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Accumulation, Hyaline Droplet				1				1			2 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Retina, Atrophy										1	1 1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
3 mg/m3	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Basophilic Focus								X			1
Artery, Fibrosis									2		1 2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
--------------	---	---	---	---	---	---	---	---	---	---	-----------

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 + .. Tissue examined microscopically
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

Wistar Han Rats Female 3 mg/m3	DAY ON TEST										* TOTALS
	0308	0308	0308	0308	0308	0308	0308	0308	0308	0308	
Animal ID	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	
Heart Cardiomyopathy	+	+	+	+	+	+	+	+	+	+	10 3 1.0
ENDOCRINE SYSTEM											
Adrenal Cortex Hyperplasia	+	+	+	+	+	+	+	+	+	+	10 1 2.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	+	+	+	+	+	+	M	+	8
Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	10 2 2.5
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTEM											
NONE											
GENITAL SYSTEM											
Clitoral Gland Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10 3 1.0
Ovary Cyst	+	+	+	+	+	+	+	+	+	+	10 1 1.0

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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

WISTAR HAN RATS FEMALE 3 mg/m3	DAY ON TEST										* TOTALS
	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	
ANIMAL ID	0 0 3 0 3	0 0 3 0 6	0 0 3 0 7	0 0 3 0 8	0 0 3 0 9	0 0 3 2 3	0 0 3 3 4	0 0 3 3 8	0 0 3 4 4	0 0 3 4 5	
Uterus Dilatation	+	+	+	+	+	+	+	+	+	+	10 1 3.0
HEMATOPOIETIC SYSTEM											
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	10 1 1.0
Lymph Node, Bronchial Foreign Body Hyperplasia, Lymphoid	+	+	M	+	+	+	M	+	+	+	8 7 4 1.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mediastinal Foreign Body Hyperplasia, Lymphoid Pigmentation	+	+	+	+	+	+	+	M	+	+	9 9 8 1.0 8 1.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	10 6 1.0
Thymus Hyperplasia, Squamous	+	+	+	+	+	+	+	+	+	+	10 1 1.0
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10

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 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST		0	0	0	0	0	0	0	0	0		
WISTAR HAN RATS FEMALE		3	3	3	3	3	3	3	3	3		
		6	6	6	6	6	6	6	6	6		
		8	8	8	8	8	8	8	8	8		
	3 mg/m3	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3			
	0	0	0	0	0	2	3	3	4	4		
	3	6	7	8	9	3	4	8	4	5	* TOTALS	
<hr/>												
Skin		+	+	+	+	+	+	+	+	+	10	
<hr/>												
MUSCULOSKELETAL SYSTEM												
Bone		+	+	+	+	+	+	+	+	+	10	
<hr/>												
NERVOUS SYSTEM												
Brain		+	+	+	+	+	+	+	+	+	10	
<hr/>												
RESPIRATORY SYSTEM												
Larynx		+	+	+	+	+	+	+	+	+	10	
Foreign Body		X	X	X	X	X	X	X	X	X	10	
<hr/>												
Lung		+	+	+	+	+	+	+	+	+	10	
Fibrosis		1	1	1	1	1	1	1	1	1	10 1.0	
Foreign Body		X	X	X	X	X	X	X	X	X	10	
Inflammation, Chronic Active		2	2	2	2	2	2	2	2	2	10 2.0	
Proteinosis		1	1	2	1	3	1	2	1	2	3	10 1.7
Alveolar Epithelium, Hyperplasia		1	1	1	1	1	1	1	1	1	10 1.0	
Alveolus, Inflammation, Suppurative							1				1 1.0	
Bronchiole, Epithelium, Hyperplasia		1									1 1.0	
Perivascular, Infiltration Cellular, Lymphocyte		1			1		1	1			4 1.0	
<hr/>												
Nose		+	+	+	+	+	+	+	+	+	10	
Olfactory Epithelium, Accumulation, Hyaline Droplet		1							2		2 1.5	
Respiratory Epithelium, Accumulation, Hyaline Droplet										1	1 1.0	
Respiratory Epithelium, Hyperplasia							1				1 1.0	

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 + .. Tissue examined microscopically
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 I .. Insufficient tissue
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

		0	0	0	0	0	0	0	0	0		
DAY ON TEST		3	3	3	3	3	3	3	3	3		
WISTAR HAN RATS FEMALE		6	6	6	6	6	6	6	6	6		
		8	8	8	8	8	8	8	8	8		
3 mg/m3		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3		
		0	0	0	0	0	2	3	3	4	4	
		3	6	7	8	9	3	4	8	4	5	
											* TOTALS	
Trachea		+	+	+	+	+	+	+	+	+	10	
Foreign Body		X				X	X	X	X	X	6	
SPECIAL SENSES SYSTEM												
Eye		+	+	+	+	+	+	+	+	+	10	
Lens, Degeneration							3				1 3.0	
Harderian Gland		+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM												
Kidney		+	+	+	+	+	+	+	+	+	10	
Calculus Micro Observation Only					X						1	
Nephropathy					2		1				2 1.5	
Urinary Bladder		+	+	+	+	+	+	+	+	+	10	

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 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST		0	0	0	0	0	0	0	0	0		
WISTAR HAN RATS FEMALE		3	3	3	3	3	3	3	3	3		
		6	6	6	6	6	6	6	6	6		
		8	8	8	8	8	8	8	8	8		
	10 mg/m3											
ANIMAL ID		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		5	5	5	5	5	5	5	5	5		
		0	0	0	0	0	2	3	3	4	4	
		3	6	7	8	9	3	4	8	4	5	
* TOTALS												

ALIMENTARY SYSTEM

Esophagus	+	M	+	+	+	+	+	+	+	+	9	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Histiocyte								2				1 2.0
Pigmentation, Hemosiderin								3				1 3.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Atrophy			1									1 1.0
Inflammation, Chronic Active							1					1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

WISTAR HAN RATS FEMALE 10 mg/m3	DAY ON TEST										* TOTALS		
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368			
ANIMAL ID	005033	005033	005033	005033	005033	005033	005033	005033	005033	005033			
Blood Vessel	+	+	+	+	+	+	+	+	+	+	10		
Heart	+	+	+	+	+	+	+	+	+	+	10		
ENDOCRINE SYSTEM													
Adrenal Cortex Hyperplasia	+	+	+	+	+	+	+	+	+	+	10	1	1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10		
Parathyroid Gland	+	M	+	M	+	+	+	+	+	+	8		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10		
GENERAL BODY SYSTEM													
NONE													
GENITAL SYSTEM													
Clitoral Gland Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10	3	1.0
Ovary Cyst	+	+	+	+	+	+	+	+	+	+	10	4	1.5

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
10 mg/m3											
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
	* TOTALS										
Uterus	+	+	+	+	+	+	+	+	+	+	10
Endometrial Glands, Metaplasia, Squamous				1							1 1.0
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia		1	1	1							3 1.0
Lymph Node, Bronchial	+	+	M	+	+	+	+	+	+	+	9
Foreign Body	X	X		X	X	X	X	X	X	X	9
Hyperplasia, Lymphoid							1		1		2 1.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10
Foreign Body		X		X			X	X		X	5
Pigmentation	1	2	2	1	1	1			1	1	8 1.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1				1	1		1	1	1	6 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst		2					2				2 2.0
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
	<hr/>										
	* TOTALS										
10 mg/m3	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
<hr/>											
Skin	+	+	+	+	+	+	+	+	+	+	10
<hr/>											
MUSCULOSKELETAL SYSTEM											
<hr/>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<hr/>											
NERVOUS SYSTEM											
<hr/>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<hr/>											
RESPIRATORY SYSTEM											
<hr/>											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
<hr/>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Fibrosis	1	1	1	1	1	1	1	1	1	1	10 1.0
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Hemorrhage						1					1 1.0
Inflammation, Chronic Active	2	2	2	2	2	2	2	2	2	2	10 2.0
Proteinosis	3	3	3	3	3	3	2	3	3	2	10 2.8
Alveolar Epithelium, Hyperplasia	1	1	1	1	1	1	2	2	1	1	10 1.2
Perivascular, Infiltration Cellular, Lymphocyte	1			1	1	1				1	5 1.0
<hr/>											
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Accumulation, Hyaline Droplet								1			1 1.0
<hr/>											
Trachea	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10

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 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
WISTAR HAN RATS FEMALE	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	6	6	6	6
	8	8	8	8	8	8	8	8	8	8	8
10 mg/m3	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5	5
	0	0	0	0	0	2	3	3	4	4	4
	3	6	7	8	9	3	4	8	4	5	5
* TOTALS											

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10	
Retina, Atrophy				1								1 1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10	

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Calculus Micro Observation Only				X								1
Nephropathy								1				1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

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Experiment Number: 20601 - 03
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 Lab: BNW

WISTAR HAN RATS FEMALE	DAY ON TEST										* TOTALS
	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	
30 mg/m3	0 0 7 0 3	0 0 7 0 6	0 0 7 0 7	0 0 7 0 8	0 0 7 0 9	0 0 7 2 3	0 0 7 3 4	0 0 7 3 8	0 0 7 4 4	0 0 7 4 5	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	1									2 1.5
Inflammation, Chronic Active	1										1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
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 Lab: BNW

WISTAR HAN RATS FEMALE	DAY ON TEST										* TOTALS
	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	0 3 6 8	
30 mg/m3	0 0 7 0 3	0 0 7 0 6	0 0 7 0 7	0 0 7 0 8	0 0 7 0 9	0 0 7 2 3	0 0 7 3 4	0 0 7 3 8	0 0 7 4 4	0 0 7 4 5	

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy		1									1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia							2				1 2.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Pars Distalis, Hyperplasia			1								1 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
C-cell, Hyperplasia						1					1 1.0

GENERAL BODY SYSTEM

NONE											
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GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active			3								1 3.0
Ovary	+	+	+	+	+	+	+	+	+	+	10

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	WISTAR HAN RATS FEMALE	3	3	3	3	3	3	3	3	3
30 mg/m3	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	8	8	8	8	8	8	8	8	8	8
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7
	0	0	0	0	0	2	3	3	4	4
	3	6	7	8	9	3	4	8	4	5

*** TOTALS**

Uterus	+	+	+	+	+	+	+	+	+	+	10	
Endometrial Glands, Metaplasia, Squamous					1							1 1.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Bronchial	+	M	+	M	+	M	M	+	+	M	5	
Foreign Body	X				X			X	X			4
Hyperplasia, Lymphoid	1											1 1.0
Pigmentation								1				1 1.0
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	M	+	8	
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body		X	X	X		X		X	X			6
Hyperplasia, Lymphoid		2		2					1			3 1.7
Pigmentation	1		1	1	2	2	2		1	1		8 1.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1	1		1		1		1	1		7 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia, Squamous								1				1 1.0

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
---------------	---	---	---	---	---	---	---	---	---	---	-----------	--

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	3	3	3	3	3	3	3	3	3	3			
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6			
30 mg/m3	8	8	8	8	8	8	8	8	8	8			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	7	7	7	7	7	7	7	7	7	7			
	0	0	0	0	0	2	3	3	4	4			
	3	6	7	8	9	3	4	8	4	5			
	* TOTALS												
Skin	+	+	+	+	+	+	+	+	+	+			10
MUSCULOSKELETAL SYSTEM													
Bone	+	+	+	+	+	+	+	+	+	+			10
NERVOUS SYSTEM													
Brain	+	+	+	+	+	+	+	+	+	+			10
RESPIRATORY SYSTEM													
Larynx	+	+	+	+	+	+	+	+	+	+			10
Foreign Body	X	X	X	X	X	X	X	X	X	X			10
Lung	+	+	+	+	+	+	+	+	+	+			10
Fibrosis	1	1	1	1	1	1	2	1	1	1			10 1.1
Foreign Body	X	X	X	X	X	X	X	X	X	X			10
Hemorrhage								1					1 1.0
Inflammation, Chronic Active	2	2	2	3	2	2	3	2	3	2			10 2.3
Proteinosis	4	3	3	3	3	2	3	3	3	3			10 3.0
Alveolar Epithelium, Hyperplasia	1	1	1	2	1	1	3	1	2	1			10 1.4
Alveolus, Inflammation, Suppurative				1		1			1				3 1.0
Bronchiole, Epithelium, Hyperplasia	1			1			1						3 1.0
Perivascular, Infiltration Cellular, Lymphocyte	1					1				1			3 1.0
Nose	+	+	+	+	+	+	+	+	+	+			10
Foreign Body	X	X				X				X			4
Metaplasia, Mucous	1												1 1.0
Olfactory Epithelium, Accumulation, Hyaline Droplet				1				2					2 1.5

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
WISTAR HAN RATS FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
30 mg/m3	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	7	7	7	7	7	7	7	7	7	7	
	0	0	0	0	0	2	3	3	4	4	
	3	6	7	8	9	3	4	8	4	5	
* TOTALS											
Respiratory Epithelium, Accumulation, Hyaline Droplet				1							1 1.0
Respiratory Epithelium, Hyperplasia			1		1						2 1.0
Respiratory Epithelium, Metaplasia, Squamous			1								1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Retina, Atrophy				1							1 1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy		1			1						2 1.0
Cortex, Vein, Dilatation					1						1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

*** END OF REPORT ***

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