

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
Time Report Requested: 11:28:24
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

F1_53 Wk. SSAC_M3

NTP Study Number: C20601
Lock Date: 06/22/2011
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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
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	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	M	+	+	+	+	+	+	I	+	8
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
Clear Cell Focus			X					X			2
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Tooth						+					1
Malformation						2					2
1 2.0											

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE Control	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
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	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	
* TOTALS											

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Zona Fasciculata, Hypertrophy			1	2					2		3 1.7
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	M	M	+	+	+	M	+	+	6
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active						4					1 4.0

* .. 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE 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	ANIMAL ID										* TOTALS
	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	1	3	3	3	3	3	4	5	5	
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	M	+	+	+	+	+	+	+	M	8
Lymph Node, Mandibular	+	M	+	+	M	+	M	+	M	M	5
Lymph Node, Mediastinal	M	+	M	+	M	M	+	M	+	M	4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3
Control	6	6	6	6	6	6	6	6	6		
	7	7	7	7	7	7	7	7	7		
	0	0	0	0	0	0	0	0	0		
	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	1	3	3	3	3	4	5		
		9	7	0	1	2	5	6	8		
* TOTALS											

NERVOUS SYSTEM

Brain + + + + + + + + + + **10**

RESPIRATORY SYSTEM

Larynx + + + + + + + + + + **10**

Lung + + + + + + + + + + **10**

Nose + + + + + + + + + + **10**

Respiratory Epithelium, Accumulation, Hyaline Droplet 1 **1 1.0**

Respiratory Epithelium, Inflammation, Chronic Active 1 **1 1.0**

Trachea + + + + + + + + + + **10**

SPECIAL SENSES SYSTEM

Eye + + + + + + + + + + **10**

Harderian Gland + + + + + + + + + + **10**

URINARY SYSTEM

Kidney + + + + + + + + + + **10**

Nephropathy 1 1 **2 1.0**

Papilla, Necrosis 1 **1 1.0**

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3
3 mg/m3	ANIMAL ID	6	6	6	6	6	6	6	6	6	
		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	
		2	2	2	2	2	2	2	2	2	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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
Clear Cell Focus	X		X								2
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	I	+	9

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE 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				
3 mg/m3	0 0 2 0 9	0 0 2 1 7	0 0 2 3 0	0 0 2 3 1	0 0 2 3 2	0 0 2 3 5	0 0 2 3 6	0 0 2 3 8	0 0 2 4 0	0 0 2 5 7				
												* TOTALS		
Blood Vessel	+ + + + + + + + + +											10		
Heart	+ + + + + + + + + +											10		
ENDOCRINE SYSTEM														
Adrenal Cortex	+ + + + + + + + + +											10		
Zona Fasciculata, Hypertrophy												2	1 2.0	
Adrenal Medulla	+ + + + + + + + + +											10		
Islets, Pancreatic	+ + + + + + + + + +											10		
Parathyroid Gland	+ + M + + M M + + +											7		
Pituitary Gland	+ + + + + + + + + +											10		
Thyroid Gland	+ + + + + + + + + +											10		
GENERAL BODY SYSTEM														
NONE														
GENITAL SYSTEM														
Epididymis	+ + + + + + + + + +											10		
Preputial Gland	+ + + + + + + + + +											10		
Prostate	+ + + + + + + + + +											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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE MALE 3 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
	ANIMAL ID	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	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
											* 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		1	1		1	1	1		1		7 1.0
Infiltration Cellular, Histiocyte			1		1	1		1			4 1.0
Lymph Node, Mandibular	M	+	M	M	+	M	+	+	M	M	4
Lymph Node, Mediastinal	M	+	+	+	+	+	+	M	+	+	8
Foreign Body				X							1
Hyperplasia, Lymphoid				1							1 1.0
Infiltration Cellular, Histiocyte				1							1 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Medulla, Hyperplasia, Lymphoid			1								1 1.0

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
---------------	---	---	---	---	---	---	---	---	---	---	----------

* .. 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST										* TOTALS
	0367	0367	0367	0367	0367	0367	0367	0367	0367	0367	
3 mg/m3	ANIMAL ID										
	00209	00017	00033	00033	00033	00033	00033	00033	00034	00035	
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Foreign Body		X				X	X				3
Respiratory Epithelium, Hyperplasia						1					1 1.0
Lung	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Infiltration Cellular, Lymphocyte	1	1	1	1	1	1	1	1	1	1	10 1.0
Inflammation, Chronic Active	3	2	2	2	2	2	2	2	2	2	10 2.1
Alveolar Epithelium, Hyperplasia	1	1		1	1	1	1	1	1	1	9 1.0
Alveolus, Fibrosis	1						1	1		1	4 1.0
Bronchiole, Epithelium, Hyperplasia	1	1		1	1	1	1	1	1	1	9 1.0
Pleura, Fibrosis	1	1	1					1		1	5 1.0
Pleura, Inflammation	1	1	1	1	1		1	1			7 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X		X	X		X	X	X	X	8
Trachea	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
3 mg/m3		6	6	6	6	6	6	6	6	6	
		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	
		2	2	2	2	2	2	2	2	2	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											
Epithelium, Metaplasia, Squamous		1									1 1.0
SPECIAL SENSES SYSTEM											
Eye		+ + + + + + + + + +									10
Harderian Gland		+ + + + + + + + + +									10
URINARY SYSTEM											
Kidney		+ + + + + + + + + +									10
Nephropathy		1 1 1									3 1.0
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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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		
10 mg/m3	ANIMAL ID	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	
		0	1	3	3	3	3	4	5	5	6
		9	7	0	1	2	5	8	0	7	0
										* TOTALS	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	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
Clear Cell Focus						X			X		2
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
 + .. 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE MALE 10 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
	ANIMAL ID	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	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	8	0	7	

* TOTALS

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

Heart + + + + + + + + + + 10

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + + 10

Islets, Pancreatic + + + + + + + + + + 10

Parathyroid Gland M M + + + M + + M M 5

Pituitary Gland + + + + + + + + + + 10

Thyroid Gland + + + + + + + + + + 10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + + + + + + + + + + 10

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

Prostate + + + + + + + + + + 10

Seminal Vesicle + + + + + + + + + + 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE MALE 10 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
	ANIMAL ID	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	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	8	0	7	

*** TOTALS**

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	3	3	1	2	2	1	1	2	9 1.8
Infiltration Cellular, Histiocyte	1	1				1			1		4 1.0

Lymph Node, Mandibular	M	+	+	M	M	M	M	M	+	+	4
------------------------	---	---	---	---	---	---	---	---	---	---	----------

Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X		X	X	X		8
Hyperplasia, Lymphoid		2			1		1	2			4 1.5
Infiltration Cellular, Histiocyte	1	1			1						3 1.0

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
------------------------	---	---	---	---	---	---	---	---	---	---	-----------

Spleen	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

Thymus	+	+	+	+	+	+	+	+	+	+	10
Medulla, Hyperplasia, Lymphoid						2					1 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
---------------	---	---	---	---	---	---	---	---	---	---	----------

Skin	+	+	+	+	+	+	+	+	+	+	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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE MALE 10 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
	ANIMAL ID	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	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	8	0	7	

* TOTALS

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X		X			X	X	X				5
Respiratory Epithelium, Degeneration							1					1 1.0
Respiratory Epithelium, Hyperplasia			1	1		1		1				4 1.0
Respiratory Epithelium, Metaplasia, Squamous		1			1							2 1.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X	X	X	X	X	X	X	X	X		10
Infiltration Cellular, Lymphocyte	2	2	2	1	2	3	2	2	2	1		10 1.9
Inflammation, Chronic Active	3	4	4	3	3	4	2	3	3	3		10 3.2
Alveolar Epithelium, Hyperplasia	2	2	2	2	1	2	1	2	1	2		10 1.7
Alveolus, Fibrosis		2	3	2	2	1		2		1		7 1.9
Bronchiole, Epithelium, Hyperplasia	1	2	2	1	1	1		1	1	1		9 1.2
Pleura, Fibrosis	2	1	1	1	1	2	1	1	1	1		10 1.2
Pleura, Inflammation	2	1	1	1	1	2	2	1	1	1		10 1.3
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X	X	X	X	X	X	X	X	X		10
Inflammation, Acute								1				1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE 10 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
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	1	3	3	3	3	4	5	5	6	
	9	7	0	1	2	5	8	0	7	0	
* TOTALS											
Foreign Body	X						X				2
Epithelium, Hyperplasia	1										1 1.0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy			1	1					1	1	4 1.0
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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
30 mg/m3		6	6	6	6	6	6	6	6	6	
		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	
		6	6	6	6	6	6	6	6	6	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	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
Mesentery				+							1
Necrosis, Fatty				2							1 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
30 mg/m3		6	6	6	6	6	6	6	6	6	
		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	
		6	6	6	6	6	6	6	6	6	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Zona Fasciculata, Hypertrophy						1					1 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	M	+	+	+	+	M	+	+	8
Pituitary Gland	+	I	+	+	+	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE MALE 30 mg/m3	DAY ON TEST										* TOTALS
	0367	0367	0367	0367	0367	0367	0367	0367	0367	0367	
ANIMAL ID	00609	00609	00609	00609	00609	00609	00609	00609	00609	00609	
	00609	00609	00609	00609	00609	00609	00609	00609	00609	00609	
	00609	00609	00609	00609	00609	00609	00609	00609	00609	00609	
	00609	00609	00609	00609	00609	00609	00609	00609	00609	00609	
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	4	3	3	2	3	2	2	3	3	2	10 2.7
Infiltration Cellular, Histiocyte							1				1 1.0
Lymph Node, Mandibular	+	M	+	M	M	+	M	M	M	+	4
Infiltration Cellular, Histiocyte	1		1								2 1.0
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Hyperplasia, Lymphoid	2	1	2	2	2	1	3	3	2		9 2.0
Infiltration Cellular, Histiocyte	1		1					1	2		4 1.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active		2									1 2.0

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE 30 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
	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	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	

*** TOTALS**

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	0
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
Respiratory Epithelium, Hyperplasia				2	1	1	1	1	1	6 1.2
Respiratory Epithelium, Metaplasia, Squamous	1	1		1						3 1.0
Lung	+	+	+	+	+	+	+	+	+	10
Foreign Body	X	X	X	X	X	X	X	X	X	10
Infiltration Cellular, Lymphocyte	2	3	3	3	3	2	2	3	2	10 2.5
Inflammation, Chronic Active	4	4	3	4	4	4	3	4	4	10 3.8
Alveolar Epithelium, Hyperplasia	2	2	1	2	2	2	2	2	2	10 1.9
Alveolar Epithelium, Metaplasia, Squamous			1							1 1.0
Alveolus, Fibrosis	2	3	1	2	2	2	1	2	1	10 1.8
Bronchiole, Epithelium, Hyperplasia	1	1		2	2	2	2	1	2	9 1.7
Pleura, Fibrosis	1	1	2	3	2	1	2	2	2	10 1.8

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE MALE 30 mg/m3	DAY ON TEST												
	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	0 3 6 7		
	ANIMAL ID												
	0 0 6 0 9	0 0 6 1 7	0 0 6 3 0	0 0 6 3 1	0 0 6 3 2	0 0 6 3 5	0 0 6 3 6	0 0 6 3 8	0 0 6 4 0	0 0 6 5 0	0 0 6 5 7		
											* TOTALS		
Pleura, Inflammation	3	2	1	2	2	2	1	2	2	1	10	1.8	
Nose	+	+	+	+	+	+	+	+	+	+	10		
Foreign Body	X	X	X		X	X	X	X	X	X		9	
Respiratory Epithelium, Accumulation, Hyaline Droplet				1							1	1.0	
Trachea	+	+	+	+	+	+	+	+	+	+	10		
Foreign Body	X				X			X	X			4	
Epithelium, Metaplasia, Squamous		2									1	2.0	
SPECIAL SENSES SYSTEM													
Eye	+	+	+	+	+	+	+	+	+	+	10		
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia										3	1	3.0	
URINARY SYSTEM													
Kidney	+	+	+	+	+	+	+	+	+	+	10		
Nephropathy			2							1	2	1.5	
Glomerulus, Hyalinization							1				1	1.0	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10		

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
Control	ANIMAL ID	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	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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	+	+	+	+	+	+	+	+	+	+	10
Tooth											1
Dysplasia											2
											1 2.0

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST										* TOTALS
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368	
Control	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	
	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	
	0139	0139	0139	0139	0139	0139	0139	0139	0139	0139	
	0701	0701	0701	0701	0701	0701	0701	0701	0701	0701	

CARDIOVASCULAR SYSTEM

Blood Vessel Adventitia, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10	1	1.0
Heart	+	+	+	+	+	+	+	+	+	+	10		

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10		
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	+	+	+	+	+	+	+	+	+	+	10		
Ovary Follicle, Cyst	+	+	+	+	+	+	+	+	+	+	10		1

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE 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 9	0 0 1 1 7	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 5	0 0 1 3 6	0 0 1 3 8	0 0 1 4 0	0 0 1 5 0	0 0 1 5 7	
Uterus	+	+	+	+	+	+	+	+	+	+	10	
Endometrium, Hyperplasia, Cystic	3	2	2	2		2	2			1	7 2.0	
HEMATOPOIETIC SYSTEM												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Bronchial	+	+	+	M	M	M	M	+	+	M	5	
Lymph Node, Mandibular	+	+	+	+	M	M	M	M	+	+	6	
Lymph Node, Mediastinal	+	M	+	+	+	M	M	M	M	M	4	
Lymph Node, Mesenteric	+	+	+	M	+	+	+	+	+	+	9	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Medulla, Hyperplasia, Lymphoid								1			1 1.0	
INTEGUMENTARY SYSTEM												
Mammary Gland	+	+	M	+	+	+	+	+	+	+	9	
Skin	+	+	+	+	+	+	+	+	+	+	10	
Dermis, Infiltration Cellular, Mixed Cell				1			1				2 1.0	
MUSCULOSKELETAL SYSTEM												
Bone	+	+	+	+	+	+	+	+	+	+	10	
Femur, Fibro-Osseous Lesion			1								1 1.0	

* .. 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE FEMALE	Control	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	
		6	6	6	6	6	6	6	6	6	6	6	6	6	
		8	8	8	8	8	8	8	8	8	8	8	8	8	
		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	
		1	1	1	1	1	1	1	1	1	1	1	1	1	
		0	1	3	3	3	3	3	4	5	5	5	5	5	
		9	7	0	1	2	5	6	8	0	7	7	7	7	

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Respiratory Epithelium, Metaplasia, Squamous			2									1 2.0

Lung	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Lymphocyte				1					1	1		3 1.0

Nose	+	+	+	+	+	+	+	+	+	+	10	
Olfactory Epithelium, Accumulation, Hyaline Droplet		1										1 1.0
Respiratory Epithelium, Accumulation, Hyaline Droplet		1	1	1			1		1	1		6 1.0
Respiratory Epithelium, Inflammation, Acute									1			1 1.0

Trachea	+	+	+	+	+	+	+	+	+	+	10	
---------	---	---	---	---	---	---	---	---	---	---	-----------	--

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10	
-----	---	---	---	---	---	---	---	---	---	---	-----------	--

Harderian Gland	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia										1		1 1.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		ANIMAL ID	3	3	3	3	3	3	3	3	3
	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	
	1	1	1	1	1	1	1	1	1	1	
	0	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	
* TOTALS											
Nephropathy					1	1					2 1.0
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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3
6	6	6	6	6	6	6	6	6	6		
8	8	8	8	8	8	8	8	8	8		
3 mg/m3	ANIMAL ID	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	1	3	3	3	3	3	4	5	5
9	7	0	1	2	5	6	8	0	7		
										* TOTALS	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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
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
 + .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE 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	
3 mg/m3	ANIMAL ID										
	0 3 0 9	0 3 1 7	0 3 3 0	0 3 3 1	0 3 3 2	0 3 3 5	0 3 3 6	0 3 3 8	0 3 4 0	0 3 5 7	
Blood Vessel	+	I	+	+	+	+	+	+	+	+	9
Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy						2					1 2.0
ENDOCRINE SYSTEM											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	M	+	+	+	+	9
GENERAL BODY SYSTEM											
NONE											
GENITAL SYSTEM											
Clitoral Gland	+	+	+	+	+	+	+	+	M	+	9
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Endometrium, Hyperplasia, Cystic	3	1	2		2	2	2	1	2	2	9 1.9

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST										* TOTALS
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368	
3 mg/m3	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	0300	0300	0300	0300	0300	0300	0300	0300	0300	0300	
	0013	0013	0013	0013	0013	0013	0013	0013	0013	0013	
	0970	0970	0970	0970	0970	0970	0970	0970	0970	0970	

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	2		2	2	2			6	1.7
Infiltration Cellular, Histiocyte					1							1	1.0
Lymph Node, Mandibular	+	+	M	+	+	+	+	+	+	M	8		
Lymph Node, Mediastinal	+	M	+	+	+	M	+	+	M	+	7		
Foreign Body	X							X				2	
Hyperplasia, Lymphoid	2											1	2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia, Lymphoid			2				1	2		2		4	1.8
Thymus	+	+	+	+	+	+	+	I	+	+	9		
Medulla, Hyperplasia, Lymphoid				2	1	1			1			4	1.3

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
Dermis, Infiltration Cellular, Mixed Cell							1					1	1.0

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	B6C3F1 MICE FEMALE	3	3	3	3	3	3	3	3	3
3 mg/m3	6	6	6	6	6	6	6	6	6	6
	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	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	3
	0	1	3	3	3	3	3	4	5	5
	9	7	0	1	2	5	6	8	0	7
* TOTALS										

MUSCULOSKELETAL SYSTEM

Bone + + + + + + + + + + **10**

NERVOUS SYSTEM

Brain + + + + + + + + + + **10**

RESPIRATORY SYSTEM

Larynx + | + + + + + + + + **9**

Foreign Body X X X **2**

Respiratory Epithelium, Hyperplasia 1 **1 1.0**

Lung + + + + + + + + + **10**

Foreign Body X X X X X X X X X X **10**

Infiltration Cellular, Lymphocyte 2 2 2 2 1 2 2 2 1 1 **10 1.7**

Inflammation, Chronic Active 2 2 2 2 2 2 2 2 2 1 **10 1.9**

Alveolar Epithelium, Hyperplasia 1 1 2 1 1 1 1 1 1 **8 1.1**

Alveolus, Fibrosis 1 1 **2 1.0**

Bronchiole, Epithelium, Hyperplasia 1 1 1 1 **5 1.0**

Pleura, Fibrosis 1 1 1 1 1 1 **6 1.0**

Pleura, Inflammation 1 1 2 1 1 1 1 **7 1.1**

Nose + + + + + + + + + **10**

Foreign Body X X X X X X X **6**

Respiratory Epithelium, Accumulation, Hyaline Droplet 1 1 1 1 **4 1.0**

Trachea + + + + + + + + + **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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	B6C3F1 MICE FEMALE	3	3	3	3	3	3	3	3	3	3
3 mg/m3	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
ANIMAL ID	0	0	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	3	
	0	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	
* TOTALS											
Inflammation, Chronic Active	1										1 1.0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
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
 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		10 mg/m3	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	
	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	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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
Clear Cell Focus							X				1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Atrophy								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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE 10 mg/m3	DAY ON TEST										ANIMAL ID	
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368		
	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	1	3	3	3	3	3	4	5	5	0	
	9	7	0	1	2	5	6	8	0	7		* TOTALS

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart Artery, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	10	1 2.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	M	+	+	+	+	M	+	M	+	M	6	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	M	+	+	+	M	M	7	
Ovary Follicle, Cyst	+	+	+	+	+	+	+	+	+	+	10	1
Uterus	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 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		
B6C3F1 MICE FEMALE	6	6	6	6	6	6	6	6	6	6		
	8	8	8	8	8	8	8	8	8	8		
	<hr/>											
	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	1	3	3	3	3	3	4	5	5		
9	7	0	1	2	5	6	8	0	7			
* TOTALS												
Endometrium, Hyperplasia, Cystic	3	1	2	3	1	2	2	1	3	2	10 2.0	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	M	+	+	+	+	+	+	+	+	+	9
Foreign Body		X	X	X	X	X	X	X	X	X	9
Hyperplasia, Lymphoid		2	1	3	1	3	1	1	2	3	9 1.9
Infiltration Cellular, Histiocyte			1	1		1		1	1	1	6 1.0
Lymph Node, Mandibular	+	+	+	M	M	+	M	+	+	+	7
Lymph Node, Mediastinal	+	+	+	+	+	M	M	+	+	+	8
Foreign Body	X				X						2
Hyperplasia, Lymphoid	2		1		1					2	4 1.5
Infiltration Cellular, Histiocyte	1			1							2 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation				3			2		2		3 2.3
Hyperplasia, Lymphoid		1		2			1	1	2	1	6 1.3
Thymus	+	+	+	+	+	+	+	+	+	+	10
Medulla, Hyperplasia, Lymphoid			1			1		1	2		4 1.3

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE 10 mg/m3	DAY ON TEST											
	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	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		
	5	5	5	5	5	5	5	5	5	5		
	0	1	3	3	3	3	3	4	5	5		
9	7	0	1	2	5	6	8	0	7			
											* TOTALS	
Skin	+	+	+	+	+	+	+	+	+	+	10	
MUSCULOSKELETAL SYSTEM												
Bone	+	+	+	+	+	+	+	+	+	+	10	
Femur, Fibro-Osseous Lesion	1											1 1.0
NERVOUS SYSTEM												
Brain	+	+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X		X	X	X			X	X		7
Respiratory Epithelium, Hyperplasia	1			1	1		1					4 1.0
Respiratory Epithelium, Metaplasia, Squamous										1		1 1.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X	X	X	X	X	X	X	X	X		10
Infiltration Cellular, Lymphocyte	2	2	2	2	1	2	1	2	2	4		10 2.0
Inflammation, Chronic Active	4	2	4	4	2	2	2	2	2	4		10 2.8
Alveolar Epithelium, Hyperplasia	2	1	2	2	1	2	1	1	2	2		10 1.6
Alveolus, Fibrosis	1		2	1		1		1		2		6 1.3
Bronchiole, Epithelium, Hyperplasia	2	1	2	1	2	1	1	1	1	2		10 1.4
Pleura, Fibrosis	2		2	1	1	1	1	1	1	1		9 1.2
Pleura, Inflammation	2	1	2	2	1	1	1	1	1	1		10 1.3
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X	X	X	X	X	X	X	X	X		9
Inflammation, Acute			1									1 1.0

* .. 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST										ANIMAL ID		
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368			
10 mg/m3	0	0	0	0	0	0	0	0	0	0	005009		
	0	0	0	0	0	0	0	0	0	0	005009		
	5	5	5	5	5	5	5	5	5	5	005009		
	0	1	3	3	3	3	3	4	5	5	005009		
	9	7	0	1	2	5	6	8	0	7	005009		
												* TOTALS	
Respiratory Epithelium, Accumulation, Hyaline Droplet												3	1.0
Trachea Foreign Body												10	2
SPECIAL SENSES SYSTEM													
Eye												10	
Harderian Gland												10	
URINARY SYSTEM													
Kidney Nephropathy												10	1 1.0
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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
30 mg/m3		6	6	6	6	6	6	6	6	6	
		8	8	8	8	8	8	8	8	8	
	ANIMAL ID	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	
		0	1	3	3	3	3	3	4	5	
		9	7	0	1	2	5	6	8	0	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE 30 mg/m3	DAY ON TEST										ANIMAL ID
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368	
	0	0	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	7
	0	1	3	3	3	3	3	4	5	5	5
	9	7	0	1	2	5	6	8	0	7	7
* TOTALS											

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
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	+	+	+	+	+	+	+	M	M	M	7
Ovary	+	+	+	+	+	+	+	+	+	+	10
Follicle, Cyst								X			1
Uterus	+	+	+	+	+	+	+	+	+	+	10
Endometrium, Hyperplasia, Cystic	4	3	2	1	3	2	2	2	1		9 2.2

HEMATOPOIETIC 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 - 04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 11:28:24

First Dose M/F: 10/06/08 / 10/06/08

Lab: BNW

B6C3F1 MICE FEMALE 30 mg/m3	DAY ON TEST										* TOTALS	
	0368	0368	0368	0368	0368	0368	0368	0368	0368	0368		
ANIMAL ID	00709	00709	00709	00709	00709	00709	00709	00709	00709	00709		
	Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
	Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10
	Foreign Body	X	X	X	X	X	X	X	X	X	X	10
Hyperplasia, Lymphoid	3	2	2	3	1	3	2	2	1	2	10 2.1	
Infiltration Cellular, Histiocyte				1		1		1	1		4 1.0	
Lymph Node, Mandibular	+	M	+	+	+	+	M	+	+	+	8	
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	X	X	X		X	X	X	X	X	X	9	
Hyperplasia, Lymphoid	2					2	2			2	4 2.0	
Infiltration Cellular, Histiocyte					1	1				1	3 1.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation		3					2				2 2.5	
Hyperplasia, Lymphoid	2				1	1	1	2			5 1.4	
Thymus	+	+	+	+	+	+	+	+	M	+	9	
Medulla, Hyperplasia, Lymphoid	1		2					2			3 1.7	

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
Dermis, Infiltration Cellular, Mixed Cell							1		1		2 1.0

* .. 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 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 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	
B6C3F1 MICE FEMALE	6	6	6	6	6	6	6	6	6	6	
	8	8	8	8	8	8	8	8	8	8	
ANIMAL ID	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	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	* TOTALS

MUSCULOSKELETAL SYSTEM

Bone + + + + + + + + + + **10**

NERVOUS SYSTEM

Brain + + + + + + + + + + **10**

RESPIRATORY SYSTEM

Larynx + + + + + + + + + + **10**
 Foreign Body X X X X X X X X X X **7**
 Respiratory Epithelium, Metaplasia, Squamous 1 2 2 2 2 1 1 1 **8 1.5**

Lung + + + + + + + + + + **10**
 Foreign Body X X X X X X X X X X **10**
 Infiltration Cellular, Lymphocyte 3 2 4 4 4 2 4 2 3 **9 3.1**
 Inflammation, Chronic Active 4 4 4 4 4 4 4 4 4 **10 4.0**
 Alveolar Epithelium, Hyperplasia 2 2 2 2 2 3 2 2 2 **10 2.1**
 Alveolus, Fibrosis 2 3 2 2 3 3 3 2 3 1 **10 2.4**
 Bronchiole, Epithelium, Hyperplasia 2 1 1 1 1 1 2 2 2 2 **10 1.5**
 Pleura, Fibrosis 1 1 1 1 1 1 1 1 1 2 **10 1.1**
 Pleura, Inflammation 2 2 2 2 1 2 1 2 2 2 **10 1.8**

Nose + + + + + + + + + + **10**
 Foreign Body X X X X X X X X X X **10**
 Olfactory Epithelium, Metaplasia, Respiratory 1 **1 1.0**

Trachea + + + + + + + + + + **10**
 Foreign Body X X X X X X X X X X **4**

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

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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 12/03/2014
 Time Report Requested: 11:28:24
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

B6C3F1 MICE FEMALE 30 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		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	
	ANIMAL ID	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	
		0	1	3	3	3	3	3	4	5	5
		9	7	0	1	2	5	6	8	0	7
											* TOTALS

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy				1							1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

*** END OF REPORT ***

* .. 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