

**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

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<b>B6C3F1 MICE MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
<b>Control</b>	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	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	M	+	+	+	+	+	+	I	+	<b>8</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Clear Cell Focus			X					X			<b>2</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Tooth						+					<b>1</b>
Malformation						2					<b>2</b>
<b>1 2.0</b>											

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 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		
<b>* TOTALS</b>											

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**ENDOCRINE SYSTEM**

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

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Chronic Active						4					<b>1 4.0</b>

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Antimony trioxide

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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
<b>HEMATOPOIETIC SYSTEM</b>											
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
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10

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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		
	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	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	
<b>* TOTALS</b>											

**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**

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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		
3 mg/m3	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	3	4	5	5
		9	7	0	1	2	5	6	8	0	7
										<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Basophilic Focus			X								<b>1</b>
Clear Cell Focus	X		X								<b>2</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	I	+		<b>9</b>

**CARDIOVASCULAR SYSTEM**

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B6C3F1 MICE MALE 3 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	
	ANIMAL ID	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
		<b>* TOTALS</b>									
Blood Vessel		+	+	+	+	+	+	+	+	+	<b>10</b>
Heart		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex Zona Fasciculata, Hypertrophy		+	+	+	+	+	+	+	+	+	<b>10</b> <b>1 2.0</b>
Adrenal Medulla		+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland		+	+	M	+	+	M	M	+	+	<b>7</b>
Pituitary Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>GENERAL BODY SYSTEM</b>											
NONE											
<b>GENITAL SYSTEM</b>											
Epididymis		+	+	+	+	+	+	+	+	+	<b>10</b>
Preputial Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
Prostate		+	+	+	+	+	+	+	+	+	<b>10</b>

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B6C3F1 MICE MALE	DAY ON TEST										ANIMAL ID
	0367	0367	0367	0367	0367	0367	0367	0367	0367	0367	
3 mg/m3	0	0	0	0	0	0	0	0	0	0	0020
	0	0	0	0	0	0	0	0	0	0	0021
	0	0	0	0	0	0	0	0	0	0	0022
	0	1	3	3	3	3	3	4	5	5	0023
	9	7	0	1	2	5	6	8	0	7	
<b>* TOTALS</b>											

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
---------------	---	---	---	---	---	---	---	---	---	---	---

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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	
<b>3 mg/m3</b>	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	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
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

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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	7
<b>* TOTALS</b>											
Epithelium, Metaplasia, Squamous		1									1 1.0
<b>SPECIAL SENSES SYSTEM</b>											
Eye		+ + + + + + + + + +									10
Harderian Gland		+ + + + + + + + + +									10
<b>URINARY SYSTEM</b>											
Kidney		+ + + + + + + + + +									10
Nephropathy		1 1 1									3 1.0
Urinary Bladder		+ + + + + + + + + +									10

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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
										<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	M	+	+	+	+	<b>9</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Clear Cell Focus						X			X		<b>2</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**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

<b>B6C3F1 MICE MALE</b> <b>10 mg/m3</b>	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

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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	ANIMAL ID	0	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	4	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	4	5	5	6	6	
											9	7	0	1	2	5	8	0	7	0	0	<b>* TOTALS</b>

Testes	+	+	+	+	+	+	+	+	+	+												<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	-----------

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+												<b>10</b>
-------------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	-----------

Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+												<b>10</b>	
Foreign Body	X	X	X	X	X	X	X	X	X	X													<b>10</b>
Hyperplasia, Lymphoid			1	3	3	1	2	2	1	1	2												<b>9 1.8</b>
Infiltration Cellular, Histiocyte	1	1					1			1													<b>4 1.0</b>

Lymph Node, Mandibular	M	+	+	M	M	M	M	M	+	+												<b>4</b>
------------------------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	----------

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

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+												<b>10</b>
------------------------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	-----------

Spleen	+	+	+	+	+	+	+	+	+	+												<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	-----------

Thymus	+	+	+	+	+	+	+	+	+	+												<b>10</b>	
Medulla, Hyperplasia, Lymphoid							2																<b>1 2.0</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	M	M	M	M	M	M	M	M	M	M												<b>0</b>
---------------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	----------

Skin	+	+	+	+	+	+	+	+	+	+												<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	-----------

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+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
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BLANK .. Not examined microscopically

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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

<b>B6C3F1 MICE MALE</b>  <b>10 mg/m3</b>	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 X X X X X **5**

Respiratory Epithelium, Degeneration 1 1 **1 1.0**

Respiratory Epithelium, Hyperplasia 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 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**

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 Route: RESPIRATORY EXPOSURE WHOLE BODY  
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 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	
<b>* TOTALS</b>											
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

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 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	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	M	+	+	+	+	+	<b>9</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mesentery				+							<b>1</b>
Necrosis, Fatty				2							<b>1 2.0</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
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Experiment Number: 20601 - 04  
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 Species/Strain: MICE/B6C3F1

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 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	
<b>* TOTALS</b>											

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Cardiomyopathy					1						<b>1 1.0</b>

**ENDOCRINE SYSTEM**

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

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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Antimony trioxide

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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
<b>HEMATOPOIETIC SYSTEM</b>											
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

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 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

<b>B6C3F1 MICE MALE</b>  <b>30 mg/m3</b>	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	<b>0</b>
Skin	+	+	+	+	+	+	+	+	+	<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	<b>10</b>
------	---	---	---	---	---	---	---	---	---	-----------

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	-----------

**RESPIRATORY SYSTEM**

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

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 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		
	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 7		
											<b>* TOTALS</b>	
Pleura, Inflammation	3	2	1	2	2	2	1	2	2	1	<b>10</b>	<b>1.8</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Foreign Body	X	X	X		X	X	X	X	X	X		<b>9</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet				1							<b>1</b>	<b>1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Foreign Body	X				X			X	X			<b>4</b>
Epithelium, Metaplasia, Squamous		2									<b>1</b>	<b>2.0</b>
<b>SPECIAL SENSES SYSTEM</b>												
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Hyperplasia										3		<b>1 3.0</b>
<b>URINARY SYSTEM</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Nephropathy			2							1		<b>2 1.5</b>
Glomerulus, Hyalinization							1				<b>1</b>	<b>1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>	

\*\*\* END OF MALE DATA \*\*\*

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 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

<b>B6C3F1 MICE FEMALE</b>	<b>Control</b>	DAY ON TEST	0	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	3
		6	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	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	0	0
		1	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	5
		9	7	0	1	2	5	6	8	0	7	7	7	7	7
															<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Tooth											<b>1</b>
Dysplasia											<b>2</b>
											<b>1 2.0</b>

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 M .. Missing tissue  
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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

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 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	
	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	1	3	3	3	3	3	4	5	5	
	9	7	0	1	2	5	6	8	0	7	
Uterus	+	+	+	+	+	+	+	+	+	+	10
Endometrium, Hyperplasia, Cystic	3	2	2	2		2	2			1	7 2.0
<b>HEMATOPOIETIC SYSTEM</b>											
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
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	M	+	+	+	+	+	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10
Dermis, Infiltration Cellular, Mixed Cell				1			1				2 1.0
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
Femur, Fibro-Osseous Lesion			1								1 1.0

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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	ANIMAL ID		
		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			
		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	1	3	3	3	3	3	4	5	5			
		9	7	0	1	2	5	6	8	0	7			
													<b>* TOTALS</b>	

### NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+				<b>10</b>
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### RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Respiratory Epithelium, Metaplasia, Squamous				2										<b>1 2.0</b>

Lung	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Infiltration Cellular, Lymphocyte					1				1	1				<b>3 1.0</b>

Nose	+	+	+	+	+	+	+	+	+	+				<b>10</b>	
Olfactory Epithelium, Accumulation, Hyaline Droplet			1											<b>1 1.0</b>	
Respiratory Epithelium, Accumulation, Hyaline Droplet			1	1	1			1		1	1				<b>6 1.0</b>
Respiratory Epithelium, Inflammation, Acute									1						<b>1 1.0</b>

Trachea	+	+	+	+	+	+	+	+	+	+				<b>10</b>
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### SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+				<b>10</b>
-----	---	---	---	---	---	---	---	---	---	---	--	--	--	-----------

Harderian Gland	+	+	+	+	+	+	+	+	+	+				<b>10</b>
Hyperplasia										1				<b>1 1.0</b>

### URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+				<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	--	--	--	-----------

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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	
<b>Control</b>		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	
<b>* TOTALS</b>											
Nephropathy					1	1					2 1.0
Urinary Bladder		+	+	+	+	+	+	+	+	+	10

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Experiment Number: 20601 - 04  
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 Species/Strain: MICE/B6C3F1

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 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 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	
		3	3	3	3	3	3	3	3	3	
		0	1	3	3	3	3	4	5	5	
		9	7	0	1	2	5	6	8	0	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Basophilic Focus		X									<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

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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 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	
	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	
Blood Vessel	+	I	+	+	+	+	+	+	+	+	9
Heart Cardiomyopathy	+	+	+	+	+		2	+	+	+	10 1 2.0
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	M		+	+	+	9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	M		+	+	+	9
<b>GENERAL BODY SYSTEM</b>											
NONE											
<b>GENITAL SYSTEM</b>											
Clitoral Gland	+	+	+	+	+	+	+	+	M	+	9
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Endometrium, Hyperplasia, Cystic	3	1	2		2	2	2	1	2	2	9 1.9

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Antimony trioxide  
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 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	
	0019	0017	0013	0010	0008	0005	0006	0008	0004	0005	

**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
	<b>B6C3F1 MICE FEMALE</b>	3	3	3	3	3	3	3	3	3
<b>3 mg/m3</b>	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
<b>* TOTALS</b>										

**MUSCULOSKELETAL SYSTEM**

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

**NERVOUS SYSTEM**

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

**RESPIRATORY SYSTEM**

Larynx + | + + + + + + + + **9**  
 Foreign Body X 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 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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	<b>B6C3F1 MICE FEMALE</b>	3	3	3	3	3	3	3	3	3	3
<b>3 mg/m3</b>	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	
<b>* TOTALS</b>											
Inflammation, Chronic Active	1										<b>1 1.0</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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 + .. 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
10 mg/m3	ANIMAL ID	6	6	6	6	6	6	6	6	6	
		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	
		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	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Clear Cell Focus							X				<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Atrophy								1			<b>1 1.0</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**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		
<b>* TOTALS</b>												

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	

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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	ANIMAL ID		
	3	3	3	3	3	3	3	3	3	3			
<b>B6C3F1 MICE FEMALE</b>	6	6	6	6	6	6	6	6	6	6			
	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			
<b>10 mg/m3</b>	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			
												<b>* TOTALS</b>	
Endometrium, Hyperplasia, Cystic	3	1	2	3	1	2	2	1	3	2			<b>10 2.0</b>

**HEMATOPOIETIC SYSTEM**

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

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
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 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										* 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	
	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	
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
Femur, Fibro-Osseous Lesion	1										1 1.0
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
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  
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 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			
	3	3	3	3	3	3	3	3	3	3	0			
	6	6	6	6	6	6	6	6	6	6	0			
	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	0	0	5			
	5	5	5	5	5	5	5	5	5	5	0			
	0	1	3	3	3	3	3	4	5	5	0			
	9	7	0	1	2	5	6	8	0	7			<b>* TOTALS</b>	
Respiratory Epithelium, Accumulation, Hyaline Droplet				1	1		1						<b>3 1.0</b>	
Trachea Foreign Body	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
		X		X									<b>2</b>	
<b>SPECIAL SENSES SYSTEM</b>														
Eye	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
Harderian Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>	
<b>URINARY SYSTEM</b>														
Kidney Nephropathy	+	+	+	+	+	+	+	+	+	+		1	<b>10</b>	
													<b>1 1.0</b>	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			<b>10</b>	

\* .. 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

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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

<b>B6C3F1 MICE FEMALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	
<b>30 mg/m3</b>		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
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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 + .. Tissue examined microscopically  
 X .. Lesion present  
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 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	
	ANIMAL ID	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	
		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	4	5	5	
		9	7	0	1	2	5	6	8	0	
Heart		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla		+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland		+	+	+	M	+	M	+	+	+	<b>8</b>
Pituitary Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland		+	+	+	+	+	+	+	+	+	<b>10</b>
<b>GENERAL BODY SYSTEM</b>											
NONE											
<b>GENITAL SYSTEM</b>											
Clitoral Gland		+	+	+	+	+	+	M	M	M	<b>7</b>
Ovary		+	+	+	+	+	+	+	+	+	<b>10</b>
Follicle, Cyst								X			<b>1</b>
Uterus		+	+	+	+	+	+	+	+	+	<b>10</b>
Endometrium, Hyperplasia, Cystic		4	3	2	1	3	2	2	2	1	<b>9 2.2</b>
<b>HEMATOPOIETIC SYSTEM</b>											

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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

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 Lab: BNW

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

**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 4 10 4.0  
 Alveolar Epithelium, Hyperplasia 2 2 2 2 2 3 2 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

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 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

<b>B6C3F1 MICE FEMALE</b>  <b>30 mg/m3</b>	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	4	5	5	
		9	7	0	1	2	5	6	8	0	

**\* TOTALS**

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy				1							<b>1 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\*\*\* END OF REPORT \*\*\*

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