

**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:** 09:59:55  
**First Dose M/F:** 10/06/08 / 10/06/08  
**Lab:** BNW

F1\_M3

<b>NTP Study Number:</b>	C20601		
<b>Lock Date:</b>	06/22/2011		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25022 ACCK 25019 MSAC	25021 TSAC	25020 NATD
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	3.0.2.2_002		
<b>PWG Approval Date:</b>	NONE		







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<b>B6C3F1 MICE MALE</b>	DAY ON TEST	06633	07733	07722	07722	06723	07663	07763	07733	07733	05997	06772	06772	06772	06772	06772	06772	06772	06772	06772	05772	07772	07772	<b>males (cont...)</b>
	ANIMAL ID	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																						4	
Arteriole, Inflammation, Chronic Active																							1
Epithelium, Hypertrophy																							2
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ectasia																							2
Hyperplasia																							2
Inflammation, Chronic Active																							1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Inflammation, Chronic Active																							1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Adenomatous																							1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																							1
Mineralization																							2

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																							1
Myelofibrosis																							1
Necrosis																							1

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B6C3F1 MICE MALE	DAY ON TEST	0																								males (cont...)												
		6	7	7	7	7	6	7	6	7	7	7	5	6	7	6	7	7	7	6	7	7	5	7	7													
Control	ANIMAL ID	6	3	3	2	2	2	3	6	3	3	3	9	7	2	7	0	2	3	2	3	2	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2
		3	0	0	9	9	6	0	4	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	7	7
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	2	3	4	5	6	7	8	0	1	2	3	4	5	6	8	9	0	1	2	2	2	2	1	2	3	4	5	6	7							

Epithelium, Hyperplasia

2

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																								
Inflammation, Acute																								
Metaplasia, Osseous																								
Mineralization																								
Nephropathy			2	1	2	2	2	1		2	4	1	2		1		2	1	2	1		3	1	2
Ureter																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Calculus Gross Observation																								
Inflammation, Chronic Active																								

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<b>B6C3F1 MICE MALE</b>	DAY ON TEST																								<b>* TOTALS</b>
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Control</b>	7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	
	2	0	1	2	3	3	3	3	3	2	2	3	3	2	3	2	3	2	3	2	3	2	3	6	
	9	2	2	9	0	0	0	0	0	0	0	0	9	9	0	0	0	0	9	9	9	9	9	2	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	
	8	9	3	4	7	8	9	0	1	2	3	4	5	6	7	9	1	2	3	4	5	6	8	9	
Mixed Cell Focus																X								1	
Necrosis				1																				3 2.7	
Thrombosis																								1 2.0	
Centrilobular, Atrophy				2																				1 2.0	
Mesentery																								7	
Necrosis, Fatty																								3 1.7	
Thrombosis																								1 1.0	
Artery, Inflammation, Chronic Active																								1 2.0	
Oral Mucosa																								1	
Pharyngeal, Inflammation, Chronic Active																								1 3.0	
Pancreas																								49	
Inflammation																								1 1.0	
Salivary Glands																								50	
Artery, Inflammation, Chronic Active																								1 1.0	
Stomach, Forestomach																								50	
Hyperplasia, Squamous																								1 1.0	
Inflammation, Chronic Active																								2 1.0	
Stomach, Glandular																								48	
Dysplasia, Focal																								1 2.0	
Inflammation, Chronic Active																								2 1.0	
Mineralization																								3 1.3	
Necrosis																								1 1.0	
Tooth																								14	
Dysplasia																								12 1.8	

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B6C3F1 MICE MALE	DAY ON TEST	0	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	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6		
Control	ANIMAL ID	2	0	1	2	3	3	3	3	3	2	3	2	2	3	3	2	3	2	3	2	2	3	2	6		
		9	2	2	9	0	0	0	0	0	9	0	9	0	0	9	0	9	0	9	9	9	9	9	2		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5			
		8	9	3	4	7	8	9	0	1	2	3	4	5	6	7	9	1	2	3	4	5	6	8			
																								<b>* TOTALS</b>	<b>11 2.1</b>		
Inflammation, Chronic Active		2						4		2				2			3		2		1						

**CARDIOVASCULAR SYSTEM**

Blood Vessel Media, Inflammation, Chronic Active		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	<b>1 1.0</b>
Heart Cardiomyopathy		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	<b>14 1.3</b>	
Artery, Inflammation, Chronic Active					1	1					1	1						1	1	1		1		<b>6 1.0</b>		

**ENDOCRINE SYSTEM**

Adrenal Cortex Zona Fasciculata, Hypertrophy		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>49</b>	<b>26 1.2</b>
			1		1	2				2			1	1	1	1		1	1			1	1		
Adrenal Medulla Hyperplasia		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>49</b>	<b>5 1.0</b>
												1			1										
Islets, Pancreatic Hyperplasia		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>49</b>	<b>4 1.0</b>
																						1			
Parathyroid Gland		+	M	+	M	+	M	I	+	+	M	+	M	+	+	+	+	+	+	+	M	M	M	<b>27</b>	
Pituitary Gland Pars Distalis, Cyst		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>49</b>	<b>3 1.3</b>
Pars Distalis, Hyperplasia													1			1					2			<b>4 1.0</b>	
Thyroid Gland		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>49</b>	

**GENERAL BODY SYSTEM**

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
		7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Control	ANIMAL ID	2	0	1	2	3	3	3	3	3	2	3	2	2	3	3	2	3	2	3	2	3	2	2	9	
		9	2	2	9	0	0	0	0	0	0	9	9	9	9	0	0	9	0	9	0	9	0	9	9	2
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	
		8	9	3	4	7	8	9	0	1	2	3	4	5	6	7	9	1	2	3	4	5	6	9	0	
																								<b>2</b>		
Lymph Node																								<b>2</b>		
Hyperplasia, Plasma Cell																								<b>1</b>	<b>3.0</b>	
Lymph Node, Bronchial	+ M + M I + I M + M I + + + I + + + + + + + + M + +																							<b>30</b>		
Hyperplasia, Lymphoid																								<b>2</b>	<b>2.0</b>	
Lymph Node, Mandibular	+ + M M + + M + + + + + M + + M M M + M + M + + +																							<b>27</b>		
Hyperplasia, Lymphoid																								<b>4</b>	<b>1.8</b>	
Lymph Node, Mediastinal	+ + M + + + + M + + + M + + + I M + + M + + + M +																							<b>37</b>		
Hyperplasia, Lymphoid																								<b>2</b>	<b>1.5</b>	
Lymph Node, Mesenteric	+ + A + + + + + + + + + I + + + + + + + + + + + +																							<b>48</b>		
Fibrosis																								<b>1</b>	<b>2.0</b>	
Hyperplasia, Lymphoid																								<b>3</b>	<b>2.0</b>	
Spleen	+ + A +																							<b>49</b>		
Hematopoietic Cell Proliferation																								<b>13</b>	<b>1.4</b>	
Hyperplasia, Lymphoid																								<b>4</b>	<b>1.3</b>	
Thymus	+ + A + + + + + + + I + + + + I + + + + + + + + + M																							<b>41</b>		
Depletion Cellular																								<b>15</b>	<b>2.5</b>	
Medulla, Hyperplasia, Lymphoid																								<b>2</b>	<b>1.5</b>	
<b>INTEGUMENTARY SYSTEM</b>																										
Mammary Gland	M M																							<b>0</b>		
Skin	+ +																							<b>50</b>		
Inflammation, Chronic Active																								<b>5</b>	<b>3.6</b>	

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	07	07	05	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	06		
Control	29	02	01	02	03	03	03	03	03	02	03	02	02	03	03	02	03	03	02	03	02	02	02	50	
	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	2	
	02	02	03	03	03	03	04	04	04	04	04	04	04	04	04	04	05	05	05	05	05	05	06	1	
	08	09	03	04	07	08	09	00	01	02	03	04	05	06	07	09	01	02	03	04	05	06	09	0	

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50				
Femur, Fibro-Osseous Lesion																								3	2	3.0		
Skeletal Muscle																												
Degeneration																									+	2	1	2.0

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Arteriole, Inflammation, Chronic Active																									1	1.0	
Peripheral Nerve																											
Degeneration																										1	3.0
Spinal Cord																										1	

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Inflammation, Chronic Active				1																		1			8	1.1	
Respiratory Epithelium, Hyperplasia																										1	1.0
Squamous Epithelium, Hyperplasia			1							1																2	1.0
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Hemorrhage, Acute										2																1	2.0
Infiltration Cellular, Histiocyte						3																				1	3.0
Infiltration Cellular, Lymphocyte			1	2			1						1	1							1	1				13	1.2
Inflammation, Focal, Chronic																					1					1	1.0
Pigmentation, Focal														1												1	1.0

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		7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	
Control	ANIMAL ID	2	0	1	2	3	3	3	3	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	
		9	2	2	9	0	0	0	0	0	0	9	0	0	0	0	9	0	9	9	9	9	0	9	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	
		8	9	3	4	7	8	9	0	1	2	3	4	5	6	7	9	1	2	3	4	5	6	8	<b>* TOTALS</b>
Thrombosis																									<b>1 1.0</b>
Alveolar Epithelium, Hyperplasia											1				1								1		<b>6 1.2</b>
Alveolus, Infiltration Cellular, Histiocyte																								1	<b>2 1.5</b>
Artery, Inflammation, Chronic Active																									<b>1 1.0</b>
Pleura, Inflammation																								1	<b>1 1.0</b>
Nose																									<b>50</b>
Glands, Olfactory Epithelium, Dilatation																								1	<b>1 1.0</b>
Glands, Olfactory Epithelium, Metaplasia, Respiratory																								1	<b>1 1.0</b>
Nasolacrimal Duct, Inflammation, Chronic Active																									<b>1 1.0</b>
Olfactory Epithelium, Accumulation, Hyaline Droplet																								1	<b>3 1.0</b>
Olfactory Epithelium, Metaplasia, Respiratory																								1	<b>2 1.5</b>
Respiratory Epithelium, Accumulation, Hyaline Droplet																								1	<b>9 1.0</b>
Respiratory Epithelium, Inflammation, Acute																								1	<b>1 1.0</b>
Respiratory Epithelium, Inflammation, Chronic Active																								3	<b>3 2.3</b>
Trachea																									<b>49</b>
<b>SPECIAL SENSES SYSTEM</b>																									
Eye																									<b>48</b>
Cataract																									<b>5 1.8</b>
Retinal Detachment																									<b>1 4.0</b>
Harderian Gland																									<b>49</b>
Hyperplasia																									<b>1 2.0</b>
Hypertrophy																								1	<b>2 1.5</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

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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

B6C3F1 MICE MALE 3 mg/m3	DAY ON TEST																				ANIMAL ID	males (cont...)		
	079	059	075	079	075	079	077	077	077	047	077	077	077	077	037	077	047	077	077	047			077	066
Epididymis Arteriole, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Ectasia Inflammation, Chronic Active	+	2	1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	4	+
Prostate Inflammation, Chronic Active Artery, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	+	+
Seminal Vesicle Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes Degeneration Mineralization Necrosis	1	1	4	1		1	2		1		1	1	1		2		1		1	1		1	1	

**HEMATOPOIETIC SYSTEM**

Bone Marrow Hyperplasia Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+					+													
Lymph Node, Bronchial Ectasia Foreign Body	+	+	M	+	+	+	+	+	I	+	+	+	+	+	M	+	I	+	+	+	+	+	+	+
	X			X	X		X	X			X	X	X	X		X	X	X	X	X	X	X	X	X

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Experiment Number: 20601 - 04  
 Test Type: CHRONIC  
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Antimony trioxide  
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Date Report Requested: 12/03/2014  
 Time Report Requested: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

B6C3F1 MICE MALE 3 mg/m3	DAY ON TEST																				* TOTALS					
	0632	0544	0779	0071	0761	0770	0773	0773	0773	0773	0773	0674	0773	0773	0773	0479	0773	0773	0379	0779		0779	0779	0674	0564	
ANIMAL ID	0022	0022	0033	0033	0033	0033	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044		
Epididymis Arteriole, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 2.0		
Preputial Gland Ectasia Inflammation, Chronic Active	+	+	+	+	+	+	2	+	+	+	+	+	+	2	1	+	+	+	+	+	+	+	+	50 7 1.9 4 2.5		
Prostate Inflammation, Chronic Active Artery, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 1.0 1 3.0		
Seminal Vesicle Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	50 1 2.0		
Testes Degeneration Mineralization Necrosis	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49 28 1.2 1 1.0 1 4.0		
<b>HEMATOPOIETIC SYSTEM</b>																										
Bone Marrow Hyperplasia Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 19 1.0 1 4.0		
Lymph Node																										2
Lymph Node, Bronchial Ectasia Foreign Body	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	43 1 3.0 34

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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

B6C3F1 MICE MALE 3 mg/m3	DAY ON TEST																				* TOTALS						
	06228	06393	06701	06705	06761	06770	06773	06777	06779	06782	06783	06784	06785	06786	06787	06788	06789	06790	06791	06792		06793	06794	06795	06796	06797	06798
ANIMAL ID	00222	00223	00233	00234	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	00251	00252	00253	00254	00255	00256	00257	00258	00259
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte	2	2		1		1				1						2			2	1	1	1			1		21
																							1				2
Lymph Node, Mandibular Foreign Body	+	+	M	M	M	M	+	M	+	M	+	M	M	M	+	+	M	M	+	+	M	+	M	+	+		26
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte							1		1						2					1	2						8
																					1						1
Lymph Node, Mediastinal Foreign Body	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte	1				X	X	X	X	X		X	X	X	X		X	X		X								32
	1					1																					8
																											4
Lymph Node, Mesenteric Angiectasis	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Infiltration Cellular, Mixed Cell																											1
Infiltration Cellular, Plasma Cell																											2
Artery, Inflammation, Chronic Active																											4
																											2
																											2
																											2
Spleen Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hematopoietic Cell Proliferation																											1
Hyperplasia, Lymphoid																											10
																											6
Thymus Depletion Cellular	+	+	+	+	+	I	I	I	M	+	+	+	+	+	I	+	+	I	+	+	I	+	M	+	+		38
Medulla, Hyperplasia, Lymphoid	4	1				2									2												14
																											1

**INTEGUMENTARY 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: 09:59:55

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

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST																				* TOTALS			
	0632	0544	0729	0701	0765	0777	0777	0777	0777	0777	0777	0676	0777	0777	0777	0474	0777	0777	0339	0722		0777	0668	0566
3 mg/m3	0022	0022	0033	0033	0033	0033	0044	0044	0044	0044	0044	0044	0044	0044	0044	0055	0055	0055	0055	0055	0055	0055	0066	0066
	8	9	3	4	7	8	9	0	1	2	3	4	5	6	7	9	1	2	3	4	5	6	8	9

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Foreign Body			X		X				X			X	X	X		X	X							15
Inflammation, Chronic Active						2			1				1											4 1.3
Respiratory Epithelium, Hyperplasia	1			2																				3 1.3
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50
Infiltration Cellular, Lymphocyte	1	2	1		1	1	2	1	1	1	2	1	1	1	2	1		1	1	1	1	2	1	47 1.4
Inflammation, Chronic Active	4	2	2		1	4	3	2	1	2	2	1	2	2	2	4	1	2	2	2	2	3	3	48 2.3
Mineralization																								1 1.0
Thrombosis																								1 3.0
Alveolar Epithelium, Hyperplasia	1	1	2			2	2			1	1	1	1	1	2	1		1	1	1	1	1	1	39 1.1
Alveolus, Fibrosis	1					2					1			1					1			1		12 1.1
Artery, Inflammation, Chronic Active																								1 2.0
Bronchiole, Epithelium, Hyperplasia	2		1			1	1			1	1	1	1	1	2	2			1	1	2	1	1	32 1.2
Bronchus, Epithelium, Hyperplasia													1											1 1.0
Pleura, Fibrosis	1		1			1			1	1	1	1	1	1	2	1	1	1		1	1	1	1	36 1.1
Pleura, Inflammation	1		1			1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	40 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Foreign Body	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	48
Nasolacrimal Duct, Hyperplasia, Squamous																						2		1 2.0
Nasolacrimal Duct, Inflammation, Chronic Active																						1		1 1.0
Nasopharyngeal Duct, Inflammation, Chronic Active																1								1 1.0
Olfactory Epithelium, Accumulation, Hyaline Droplet									1						1									2 1.0
Olfactory Epithelium, Atrophy									1															1 1.0

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1-4 .. Lesion qualified as:

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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:** 09:59:55  
**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	0	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID																																															
	6	5	7	0	7	6	7	7	7	7	7	7	6	7	7	7	4	7	7	3	7	7	6					5																																											
	3	1	2	7	0	5	3	3	2	3	2	2	0	3	3	0	4	3	3	9	2	2	8	6																																															
	2	4	9	1	5	1	0	0	9	0	9	9	4	0	0	5	9	0	0	3	9	9	4	4																																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																																																
	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5																																																
	8	9	3	4	7	8	9	0	1	2	3	4	5	6	7	9	1	2	3	4	5	6	9																																																
																									<b>* TOTALS</b>																																														
Olfactory Epithelium, Metaplasia, Respiratory	2																								1	1																								<b>4</b>	<b>1.3</b>																				
Respiratory Epithelium, Accumulation, Hyaline Droplet																									2	2																					1		1			<b>7</b>	<b>1.3</b>																		
Respiratory Epithelium, Inflammation, Acute																																																				<b>1</b>	<b>1.0</b>																		
Respiratory Epithelium, Inflammation, Chronic Active																									3	1	1																					1			<b>9</b>	<b>1.2</b>																			
Respiratory Epithelium, Metaplasia, Squamous																									1	2																										<b>2</b>	<b>1.5</b>																		
Trachea	+																																															<b>50</b>																							
Foreign Body	+																											X																					X			<b>3</b>																			
Inflammation, Chronic Active																																																				<b>1</b>	<b>1.0</b>																		
Glands, Cyst																																																				<b>1</b>	<b>1.0</b>																		
<b>SPECIAL SENSES SYSTEM</b>																																																																							
Eye	+																																															<b>49</b>																							
Cataract																																																																							
	+																								3																																														
Harderian Gland	+																																															<b>50</b>																							
<b>URINARY SYSTEM</b>																																																																							
Kidney	+																																															<b>50</b>																							
Cyst																																													2																										
Infarct																																																4																							
Metaplasia, Osseous																																																		4																					
Nephropathy																									1	1	2		1	2	1	1	1	1	2		1	1	1		2	1		2					2	3																					
Thrombosis																																																				4																			
Artery, Inflammation, Chronic Active																																																																							
Urinary Bladder	+																																															<b>50</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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

B6C3F1 MICE MALE  3 mg/m3	DAY ON TEST																										* TOTALS		
		0632	0544	0729	0701	0775	0761	0770	0773	0773	0773	0773	0773	0676	0777	0777	0777	0444	0773	0773	0339	0722	0772	0772	0678	0566			
		0022	0022	0023	0023	0023	0023	0023	0023	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024		0024	0024
Artery, Inflammation, Chronic Active																												3	2 2.0

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 Lab: BNW

<b>B6C3F1 MICE MALE</b>	DAY ON TEST	0730	0730	0729	0679	0579	0659	0561	0729	0669	0669	0773	0773	0492	0733	0733	0297	0251	0675	0753	0571	0757	0719	0729	<b>males (cont...)</b>	
	ANIMAL ID	0040	0042	0043	0044	0045	0046	0047	0048	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	0051	0052	0053	0054		0055

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	A	+	+	+	+	+	M	+	+	M	M	+	A	+	+	+	+	M	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	A	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	A	+	+	
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	A	+	+	
Inflammation												4													
Necrosis												4													
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																									
Basophilic Focus																									
Clear Cell Focus	X		X		X				X						X										
Eosinophilic Focus									X						X									X	
Fatty Change																									
Mixed Cell Focus	X																							X	
Necrosis																									
Syncytial Alteration														2						1					
Mesentery			+				+																		

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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: 09:59:55

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

Lab: BNW

<b>B6C3F1 MICE MALE</b>	DAY ON TEST	0 7 3 0	0 7 3 0	0 7 2 9	0 6 0 7	0 7 2 9	0 5 0 9	0 6 7 6	0 5 9 1	0 7 2 9	0 6 3 9	0 6 3 9	0 7 3 0	0 7 3 0	0 4 9 2	0 7 3 0	0 2 7 1	0 5 5 5	0 6 2 4	0 7 5 0	0 5 3 6	0 7 7 9	0 7 1 2	0 7 9 2	<b>males (cont...)</b>
	ANIMAL ID	0 0 4 0 1	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	0 0 4 0 6	0 0 4 0 7	0 0 4 0 8	0 0 4 1 0	0 0 4 1 1	0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 1 5	0 0 4 1 6	0 0 4 1 8	0 0 4 1 9	0 0 4 2 0	0 0 4 2 1	0 0 4 2 2	0 0 4 2 3	0 0 4 2 4	0 0 4 2 5	

Hemorrhage  
Inflammation, Chronic Active  
Necrosis, Fatty  
Thrombosis

2  
1

Pancreas

+ +

Salivary Glands

+ +

Stomach, Forestomach  
Hyperkeratosis  
Inflammation, Chronic Active  
Mineralization

+  
1 2 1  
1

Stomach, Glandular  
Mineralization  
Necrosis  
Thrombosis

+  
1  
2

Tooth  
Dysplasia  
Inflammation, Chronic Active

+  
1 1 2 3 1 1 3 4

**CARDIOVASCULAR SYSTEM**

Blood Vessel  
Media, Inflammation, Chronic Active

+ +

Heart  
Cardiomyopathy  
Necrosis

+  
1 1 1 1 1

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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: 09:59:55  
 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | 7 | 7 | 7 | 6 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 7 | 4 | 7 | 2 | 5 | 6 | 7 | 5 | 7 | 5 |
|                         | 3 | 3 | 2 | 0 | 2 | 0 | 7 | 9 | 2 | 3 | 3 | 7 | 3 | 3 | 9 | 3 | 7 | 2 | 5 | 2 | 5 | 3 | 7 |
| <b>10 mg/m3</b>         | 0 | 0 | 9 | 7 | 9 | 9 | 6 | 1 | 9 | 9 | 9 | 5 | 0 | 0 | 2 | 0 | 9 | 1 | 5 | 4 | 0 | 6 | 2 |
|                         | 0 | 0 | 0 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|                         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
|                         | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**males**  
 (cont...)

**GENITAL SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis Inflammation, Chronic Active              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland Ectasia Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  | 2 |   |   | 1 |   |   |   |   | 1 |   | 4 |   |   |   |   |   | 2 | 1 |   |   | 1 | 3 |   |
|  |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Prostate Inflammation, Chronic Active                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes Degeneration                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  | 1 |   | 2 |   |   |   |   |   |   | 1 | 1 |   | 1 | 1 | 1 | 1 |   | 1 |   | 1 |   |   | 1 |

**HEMATOPOIETIC SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow Hyperplasia Thrombosis   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + |
|  |   | 1 |   | 1 |   |   | 1 |   |   |   | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 |   |   |   | 1 | 1 |
| Lymph Node   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Bronchial Foreign Body Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
|  | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | X |   | X | X | X | X |
|  |   | 3 | 2 |   | 2 |   |   |   | 2 |   | 2 |   |   |   |   | 2 | 2 | 2 |   |   |   |   | 1 |   |
| Lymph Node, Mandibular   | M | M | + | + | M | + | M | + | M | M | M | + | + | + | + | M | + | + | M | M | M | M | + | + |

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 + .. 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  
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| B6C3F1 MICE MALE<br>10 mg/m3             | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | males<br>(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
|  | 0730        | 0733 | 0732 | 0720 | 0722 | 0709 | 0706 | 0705 | 0706 | 0709 | 0709 | 0709 | 0709 | 0705 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 |           |                    |
| Foreign Body                             |             |      | X    | X    |      |      |      | X    |      |      |      | X    |      |      |      |      | X    |      |      |      | X    |           |                    |
| Hyperplasia, Lymphoid                    |             |      |      |      |      |      |      | 1    |      |      |      | 1    |      |      |      |      |      |      |      |      |      |           |                    |
| Infiltration Cellular, Histiocyte        |             |      |      |      |      | 1    |      | 1    |      |      |      | 1    |      |      |      |      |      |      |      |      |      |           |                    |
| Lymph Node, Mediastinal                  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Angiectasis                              |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Foreign Body                             | X           | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |           |                    |
| Hyperplasia, Lymphoid                    |             |      | 2    | 2    | 2    |      |      | 1    |      |      | 2    |      |      | 3    |      |      | 2    |      |      | 2    |      |           |                    |
| Infiltration Cellular, Histiocyte        |             |      |      |      |      | 1    |      |      | 1    |      | 1    |      |      |      |      |      |      |      | 1    |      | 1    |           |                    |
| Lymph Node, Mesenteric                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Ectasia                                  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |           |                    |
| Hyperplasia, Lymphoid                    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Infiltration Cellular, Plasma Cell       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Infiltration Cellular, Polymorphonuclear |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Inflammation, Acute                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Spleen                                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Hematopoietic Cell Proliferation         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Hyperplasia, Lymphoid                    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Necrosis                                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Thymus                                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Cyst                                     |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Depletion Cellular                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Thrombosis                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Medulla, Hyperplasia, Lymphoid           |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |

## INTEGUMENTARY SYSTEM

\* .. 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  
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| B6C3F1 MICE MALE<br>10 mg/m3  | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | males<br>(cont...) |      |      |      |      |      |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------|------|------|
|   | 0730        | 0733 | 0732 | 0720 | 0722 | 0707 | 0706 | 0705 | 0706 | 0707 | 0706 | 0706 | 0707 | 0707 | 0704 | 0707 | 0702 | 0705 | 0706 | 0707 |           |                    | 0705 | 0707 | 0705 | 0707 | 0707 |
| Mammary Gland   | M           | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M    | M         | M                  | M    | M    | M    | M    |      |
| Skin<br>Inflammation, Chronic Active  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                  | +    | +    | +    | +    |      |
| <b>MUSCULOSKELETAL SYSTEM</b>   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |      |      |      |      |      |
| Bone<br>Femur, Fibro-Osseous Lesion   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                  | +    | +    | +    | +    |      |
| Skeletal Muscle<br>Metaplasia, Cartilagenous  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |      |      |      |      |      |
| <b>NERVOUS SYSTEM</b>   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |      |      |      |      |      |
| Brain<br>Hemorrhage<br>Thrombosis<br>Meninges, Infiltration Cellular, Lymphoid  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                  | +    | +    | +    | +    |      |
| <b>RESPIRATORY SYSTEM</b>   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |      |      |      |      |      |
| Larynx<br>Foreign Body<br>Inflammation, Chronic Active<br>Respiratory Epithelium, Hyperplasia<br>Respiratory Epithelium, Metaplasia, Squamous<br>Squamous Epithelium, Hyperplasia | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                  | +    | +    | +    | +    |      |
| Lung<br>Foreign Body  | X           | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X         | X                  | X    | X    | X    | X    |      |

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Lab: BNW

| B6C3F1 MICE MALE<br>10 mg/m3                          | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | males<br>(cont...) |                  |                  |                  |                  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|------------------|------------------|------------------|------------------|
|   | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>7<br>2<br>0 | 0<br>6<br>0<br>7 | 0<br>7<br>2<br>9 | 0<br>5<br>0<br>9 | 0<br>6<br>7<br>6 | 0<br>5<br>9<br>1 | 0<br>7<br>2<br>9 | 0<br>6<br>3<br>9 | 0<br>6<br>3<br>9 | 0<br>6<br>7<br>5 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>4<br>9<br>2 | 0<br>7<br>3<br>0 | 0<br>2<br>7<br>9 | 0<br>5<br>2<br>1 | 0<br>6<br>5<br>5 | 0<br>7<br>2<br>4 |           |                    | 0<br>5<br>3<br>0 | 0<br>7<br>1<br>6 | 0<br>5<br>1<br>9 | 0<br>7<br>2<br>9 |
| Infiltration Cellular, Lymphocyte                     | 3                | 2                | 4                | 2                | 4                | 1                | 1                | 3                | 2                | 3                | 1                | 3                |                  | 2                |                  | 4                | 2                | 3                | 2                | 2                | 2         | 2                  | 1                | 2                |                  |                  |
| Inflammation, Chronic Active                          | 4                | 4                | 4                | 3                | 3                | 3                | 4                | 4                | 3                | 4                | 2                | 3                | 4                | 2                | 2                | 4                | 2                | 4                | 3                | 4                | 3         | 3                  | 4                | 2                | 3                |                  |
| Necrosis  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |                  |                  |           |                    |                  |                  |                  |                  |
| Proteinosis   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |                  |                  |           |                    |                  |                  |                  |                  |
| Alveolar Epithelium, Hyperplasia                      | 2                | 2                | 2                | 2                | 2                | 2                | 2                | 2                | 2                | 2                |                  | 2                | 2                | 2                |                  | 2                | 1                | 2                | 2                | 2                | 2         | 2                  | 1                | 1                | 1                |                  |
| Alveolus, Fibrosis                                    | 3                | 1                |                  |                  | 3                |                  | 1                |                  | 2                | 3                |                  | 1                | 3                | 1                | 1                | 1                |                  | 1                | 1                | 1                |           | 2                  |                  | 2                |                  |                  |
| Bronchiole, Epithelium, Hyperplasia                   | 1                | 2                | 1                | 2                | 2                | 1                | 1                | 1                | 1                | 2                | 1                | 1                | 2                | 1                |                  | 1                |                  | 1                | 2                | 2                | 2         | 1                  | 1                | 1                | 1                |                  |
| Bronchiole, Epithelium, Goblet Cell, Metaplasia       |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Bronchus, Epithelium, Hyperplasia                     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1         |                    |                  |                  |                  |                  |
| Bronchus, Epithelium, Metaplasia, Squamous            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |           |                    |                  |                  |                  |                  |
| Bronchus, Epithelium, Necrosis                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |           |                    |                  |                  |                  |                  |
| Pleura, Fibrosis                                      | 1                | 1                | 1                | 2                | 1                | 1                | 1                | 2                | 1                | 2                | 4                | 1                | 3                | 1                | 3                | 1                |                  | 1                | 1                | 1                | 1         | 1                  | 2                | 1                | 1                |                  |
| Pleura, Inflammation                                  | 1                | 1                | 1                | 2                | 2                | 1                | 1                | 2                | 1                | 2                | 3                | 1                | 3                | 1                | 1                | 1                |                  | 2                | 1                | 1                | 1         | 1                  | 2                | 1                | 2                |                  |
| Nose  | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                  | +                | +                | +                |                  |
| Foreign Body  | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X         | X                  | X                | X                | X                |                  |
| Nasolacrimal Duct, Inflammation, Chronic Active       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Olfactory Epithelium, Accumulation, Hyaline Droplet   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Olfactory Epithelium, Atrophy                         |                  |                  |                  |                  | 2                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Olfactory Epithelium, Inflammation, Acute             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Respiratory Epithelium, Accumulation, Hyaline Droplet |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  | 1         |                    |                  |                  |                  |                  |
| Respiratory Epithelium, Erosion, Acute                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Respiratory Epithelium, Inflammation, Acute           |                  |                  |                  | 2                |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Respiratory Epithelium, Inflammation, Chronic Active  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  | 1                | 1                |                  | 1                |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Respiratory Epithelium, Metaplasia, Squamous          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |
| Respiratory Epithelium, Regeneration                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |

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

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 50  |
| Gallbladder               | + | + | + | + | A | + | + | + | + | M | + | + | + | + | A | + | + | + | + | A | + | + | A | M |   |   |   | 38 |     |
| Intestine Large, Cecum    | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |     |
| Intestine Large, Colon    | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |     |
| Intestine Large, Rectum   | + | + | + | + | A | + | + | + | + | + | + | I | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |     |
| Intestine Small, Duodenum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | A | + |   |   |   | 42 |     |
| Intestine Small, Ileum    | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | A | + |   |   |   | 43 |     |
| Intestine Small, Jejunum  | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | A | + |   |   |   | 42 |     |
| Inflammation              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 4.0 |
| Necrosis                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 4.0 |
| Liver                     | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |     |
| Angiectasis               |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |
| Basophilic Focus          |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |     |
| Clear Cell Focus          | X |   | X |   |   | X |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 10 |     |
| Eosinophilic Focus        |   |   |   |   |   | X |   |   | X |   |   |   |   |   |   |   | X |   |   | X |   |   |   |   |   |   |   | 7  |     |
| Fatty Change              |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1.0 |
| Mixed Cell Focus          |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |     |
| Necrosis                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1.0 |
| Syncytial Alteration      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |
| Mesentery                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   | + |   |   | 4  |     |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>10 mg/m3 | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |      |       |       |        |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|-------|-------|--------|
|                              | 0730        | 0660  | 0730  | 0773  | 0253  | 0736  | 0472  | 0772  | 0777  | 0676  | 0777  | 0777  | 0676  | 0777  | 0676  | 0777  | 0676  | 0777  | 0676  | 0777  |          | 0676  | 0777 |       |       |        |
| ANIMAL ID                    | 00428       | 00442 | 00443 | 00444 | 00445 | 00446 | 00447 | 00448 | 00449 | 00450 | 00451 | 00452 | 00453 | 00454 | 00455 | 00456 | 00457 | 00458 | 00459 | 00460 | 00461    | 00462 |      |       |       |        |
| Hemorrhage                   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 4    | 1 4.0 |       |        |
| Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      | 4     | 1 4.0 |        |
| Necrosis, Fatty              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      | 3     | 2 2.5 |        |
| Thrombosis                   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 1     | 1 1.0  |
| Pancreas                     | +           | +     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +    | 49    |       |        |
| Salivary Glands              | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +    | 50    |       |        |
| Stomach, Forestomach         | +           | +     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +    | 49    |       |        |
| Hyperkeratosis               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      | 1     | 1 1.0 |        |
| Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      | 1     | 4 1.3 |        |
| Mineralization               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 1     | 1 1.0  |
| Stomach, Glandular           | +           | +     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +    | 49    |       |        |
| Mineralization               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 1     | 1 1.0  |
| Necrosis                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 1     | 1 1.0  |
| Thrombosis                   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 1     | 2 2.0  |
| Tooth                        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 14    |        |
| Dysplasia                    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 2     | 12 1.6 |
| Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |      |       | 2     | 6 2.2  |

**CARDIOVASCULAR SYSTEM**

|                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |        |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|--------|
| Blood Vessel                        | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |   |        |
| Media, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 | 1 2.0  |
| Heart                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |   |        |
| Cardiomyopathy                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 | 14 1.1 |
| Necrosis                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 | 1 3.0  |

\* .. 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 12/03/2014

Test Type: CHRONIC

Antimony trioxide

Time Report Requested: 09:59:55

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1309-64-4

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

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE MALE<br>10 mg/m3 | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                       | 0 | 0 |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------|---|---|
|                              | ANIMAL ID   | 7 | 6 | 7 | 7 | 2 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 2 | 7                       | 7 | 6 |
|                              |             | 3 | 6 | 3 | 3 | 5 | 3 | 6 | 2 | 2 | 3 | 4 | 3 | 2 | 3 | 8 | 3 | 2 | 6 | 2 | 7 <td>0</td> <td>3</td> | 0 | 3 |
|                              |             | 0 | 6 | 0 | 0 | 3 | 0 | 8 | 9 | 9 | 0 | 6 | 0 | 9 | 0 | 1 | 0 | 9 | 9 | 9 | 5                       | 0 | 0 |
|                              |             | 0 | 0 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4                       | 4 | 4 |
|                              |             | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5                       | 5 | 5 |
|                              |             | 8 | 9 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 1 | 2 | 3                       | 4 | 5 |
| <b>* TOTALS</b>              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                         |   |   |

|  |   |   |  |  |  |  |   |   |  |  |  |   |  |   |   |   |  |  |  |   |  |   |  |          |            |            |
|--|---|---|--|--|--|--|---|---|--|--|--|---|--|---|---|---|--|--|--|---|--|---|--|----------|------------|------------|
| Thrombosis                               |   |   |  |  |  |  | 3 |   |  |  |  | 4 |  |   |   |   |  |  |  |   |  |   |  | <b>2</b> | <b>3.5</b> |            |
| Arteriole, Degeneration                  |   |   |  |  |  |  |   |   |  |  |  |   |  |   |   |   |  |  |  |   |  |   |  | <b>1</b> | <b>1.0</b> |            |
| Artery, Inflammation, Chronic Active     | 1 |   |  |  |  |  |   | 3 |  |  |  |   |  |   | 3 |   |  |  |  | 1 |  |   |  | <b>8</b> | <b>1.5</b> |            |
| Artery, Mineralization                   |   |   |  |  |  |  | 1 |   |  |  |  |   |  |   |   |   |  |  |  |   |  |   |  | <b>1</b> | <b>1.0</b> |            |
| Epicardium, Inflammation, Chronic Active |   | 1 |  |  |  |  |   |   |  |  |  |   |  | 2 |   | 1 |  |  |  | 2 |  |   |  | <b>7</b> | <b>1.4</b> |            |
| Valve, Inflammation, Chronic             |   |   |  |  |  |  |   |   |  |  |  |   |  |   |   |   |  |  |  |   |  |   |  | <b>1</b> | <b>1.0</b> |            |
| Valve, Inflammation, Chronic Active      |   |   |  |  |  |  |   |   |  |  |  |   |  |   |   |   |  |  |  |   |  | 1 |  | <b>4</b> | <b>2</b>   | <b>2.5</b> |

ENDOCRINE SYSTEM

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |            |  |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|--|
| Adrenal Cortex                | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>49</b> |            |  |
| Necrosis                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  | <b>3.0</b> |  |
| Zona Fasciculata, Hypertrophy | 1 | 2 |   |   |   |   |   | 1 |   | 1 |   |   |   | 2 |   | 1 | 1 |   |   |   | 1 |   | 1 | <b>15</b> | <b>1.1</b> |  |
| Adrenal Medulla               | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | <b>46</b> |            |  |
| Hyperplasia                   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 | <b>9</b>  | <b>1.0</b> |  |
| Necrosis                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | <b>1</b>  | <b>4.0</b> |  |
| Islets, Pancreatic            | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>49</b> |            |  |
| Angiectasis                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | <b>1</b>  | <b>1.0</b> |  |
| Parathyroid Gland             | M | + | + | + | M | M | + | + | + | M | + | + | M | + | + | + | M | M | + | M | + | M | M | <b>26</b> |            |  |
| Pituitary Gland               | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b> |            |  |
| Pars Distalis, Hyperplasia    | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 | <b>8</b>  | <b>1.3</b> |  |
| Thyroid Gland                 | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | <b>48</b> |            |  |

GENERAL BODY SYSTEM

NONE

\* .. 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: 09:59:55

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

Lab: BNW

|  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                 |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| <b>B6C3F1 MICE MALE</b><br><br><b>10 mg/m3</b> | DAY ON TEST | 0730  | 0660  | 0770  | 0772  | 0473  | 0776  | 0778  | 0779  | 0770  | 0676  | 0773  | 0772  | 0773  | 0678  | 0773  | 0772  | 0676  | 0779  | 0775  | 0770  | 0773  | 0676  | 0773  | 0673  | 0770  | <b>* TOTALS</b> |
|  | ANIMAL ID   | 00428 | 00449 | 00403 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 | 00404 |                 |
|  |             | 8     | 9     | 3     | 4     | 6     | 7     | 8     | 9     | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 9     | 1     | 2     | 3     | 4     | 5     | 5     | 5     | 5     |                 |

GENITAL SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |     |     |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Epididymis<br>Inflammation, Chronic Active                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 50 | 1   | 4.0 |
| Preputial Gland<br>Ectasia<br>Inflammation, Chronic Active | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 49 | 15  | 1.8 |
|  | 1 | 2 |   |   |   |   | 3 |   | 1 | 1 | 3 |   | 4 |   |   |   |   |   |   |   |   |   |   | 1 |   |    | 49 | 4   | 2.8 |
| Prostate<br>Inflammation, Chronic Active                   | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 49 | 1   | 4.0 |
| Seminal Vesicle  | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 49 |     |     |
| Testes<br>Degeneration                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 50 | 26  | 1.1 |
|  | 1 |   | 1 | 1 |   | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 |   | 1 | 1 |   | 1 | 1 |   | 1 | 2 | 1 |   | 50 | 26 | 1.1 |     |

HEMATOPOIETIC SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |     |     |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|--|
| Bone Marrow<br>Hyperplasia<br>Thrombosis  | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 48 | 27  | 1.0 |  |
|   |   | 1 |   |   |   | 1 |   |   |   | 1 | 1 | 1 | 1 | 1 |   |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 48 | 1   | 2.0 |  |
| Lymph Node  | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    | 2   |     |  |
| Lymph Node, Bronchial<br>Foreign Body<br>Hyperplasia, Lymphoid<br>Infiltration Cellular, Histiocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | +  | 47 | 47  |     |  |
|   | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X  | 47 | 26  | 1.8 |  |
|   | 1 | 1 | 2 | 3 |   | 1 | 1 | 2 | 3 | 1 |   | 2 | 2 | 2 |   | 2 | 2 |   | 1 | 1 |   | 1 |   |   | 2 | 47 | 26 | 1.8 |     |  |
|   |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   | 1 |   |   |   |   | 2  | 47 | 4   | 1.0 |  |
| Lymph Node, Mandibular  | M | M | + | + | + | + | + | + | M | M | M | + | M | + | M | + | + | + | + | + | M | + | + | + | M | +  | 28 |     |     |  |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>10 mg/m3             | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |          |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
|  | 0730        | 0663  | 0773  | 0773  | 0253  | 0736  | 0472  | 0772  | 0772  | 0772  | 0677  | 0772  | 0772  | 0677  | 0772  | 0677  | 0772  | 0677  | 0772  | 0677  |          | 0772     |
| ANIMAL ID                                | 00428       | 00442 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444    |          |
| Foreign Body                             |             |       |       |       |       |       |       | X     |       |       |       |       |       |       |       |       | X     |       |       |       |          | 8        |
| Hyperplasia, Lymphoid                    |             |       | 1     |       |       |       | 1     |       |       |       | 2     |       |       |       |       |       |       |       |       |       |          | 6 1.3    |
| Infiltration Cellular, Histiocyte        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 4 1.0    |
| Lymph Node, Mediastinal                  | +           | +     | +     | +     | A     | +     | +     | +     | +     | I     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 48       |
| Angiectasis                              |             |       |       |       |       |       |       |       |       | 2     |       |       |       |       |       |       |       |       |       |       |          | 1 2.0    |
| Foreign Body                             |             | X     | X     |       |       | X     | X     | X     | X     |       | X     | X     | X     | X     | X     | X     | X     | X     | X     |       | X        | 42       |
| Hyperplasia, Lymphoid                    |             |       |       |       |       |       | 1     |       |       |       |       | 2     | 1     |       |       |       | 1     |       |       |       |          | 17 1.6   |
| Infiltration Cellular, Histiocyte        |             |       |       |       |       |       | 1     |       |       |       |       | 1     | 2     |       |       |       | 1     | 1     |       |       | 1        | 13 1.1   |
| Lymph Node, Mesenteric                   | +           | +     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | A     | +        | 47       |
| Ectasia                                  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1 1.0    |
| Hyperplasia, Lymphoid                    |             |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |          | 1 1.0    |
| Infiltration Cellular, Plasma Cell       |             |       |       |       |       |       |       |       |       | 2     |       |       |       |       |       |       |       |       |       |       |          | 1 2.0    |
| Infiltration Cellular, Polymorphonuclear |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 2 1.0    |
| Inflammation, Acute                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1 4.0    |
| Spleen                                   | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50       |
| Hematopoietic Cell Proliferation         |             |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       | 2     | 2     | 2     |       |          | 1 10 1.7 |
| Hyperplasia, Lymphoid                    |             |       |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |       |       |       |          | 6 1.3    |
| Necrosis                                 |             |       |       |       | 4     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1 4.0    |
| Thymus                                   | +           | +     | I     | +     | A     | +     | +     | +     | +     | +     | I     | +     | +     | +     | +     | +     | +     | +     | +     | I     | +        | 43       |
| Cyst                                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1 1.0    |
| Depletion Cellular                       | 2           | 4     |       |       |       | 4     | 1     |       |       |       |       | 1     | 4     | 1     | 4     | 2     |       | 4     | 4     | 4     |          | 32 2.9   |
| Thrombosis                               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1 2.0    |
| Medulla, Hyperplasia, Lymphoid           |             |       |       |       |       |       |       | 1     | 1     |       |       |       |       |       |       |       |       | 1     |       |       |          | 4 1.0    |

**INTEGUMENTARY 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



| B6C3F1 MICE MALE<br>10 mg/m3  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |    |   |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|----|---|
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |    | 0                                       |
|   | 7           | 6 | 7 | 7 | 2 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 |          |    | 7                                       |
| ANIMAL ID   | 3           | 6 | 3 | 3 | 5 | 3 | 6 | 2 | 2 | 3 | 4 | 3 | 2 | 3 | 8 | 3 | 2 | 6 | 2 | 7 | 2 | 0        |    |   |
|   | 0           | 6 | 0 | 0 | 3 | 0 | 8 | 9 | 9 | 0 | 6 | 0 | 9 | 0 | 1 | 0 | 9 | 9 | 9 | 9 | 5 | 0        |    |   |
|   | 0           | 0 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4        |    |   |
|   | 2           | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5        |    |   |
|   | 8           | 9 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 1 | 2 | 3 | 4 | 5        |    |   |
|   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |    |   |
| Mammary Gland   | M           | M | + | M | M | M | M | M | M | M | M | M | M | M | M | + | M | M | M | M | M | M        | 4  |   |
| Skin<br>Inflammation, Chronic Active  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | 50 | 1 4.0                                   |
| <b>MUSCULOSKELETAL SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |    |   |
| Bone<br>Femur, Fibro-Osseous Lesion   | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | 49 | 3 1.3                                   |
| Skeletal Muscle<br>Metaplasia, Cartilagenous  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |          | 1  | 1 1.0                                   |
| <b>NERVOUS SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |    |   |
| Brain<br>Hemorrhage<br>Thrombosis<br>Meninges, Infiltration Cellular, Lymphoid  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | 50 | 1 1.0<br>1 1.0<br>1 1.0                 |
| <b>RESPIRATORY SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |    |   |
| Larynx<br>Foreign Body<br>Inflammation, Chronic Active<br>Respiratory Epithelium, Hyperplasia<br>Respiratory Epithelium, Metaplasia, Squamous<br>Squamous Epithelium, Hyperplasia | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | 50 | 29<br>7 1.3<br>15 1.1<br>8 1.0<br>4 1.3 |
| Lung<br>Foreign Body  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | 50 | 50                                      |

\* .. 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE<br>10 mg/m3                          | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |   |    |     |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|---|----|-----|
|   | 0730        | 0660  | 0073  | 0072  | 0053  | 0036  | 0078  | 0077  | 0077  | 0067  | 0077  | 0067  | 0077  | 0067  | 0077  | 0067  | 0077  | 0067  | 0077  | 0067  | 0077  | 0067  |          | 0077  |   |    |     |
| ANIMAL ID   | 00428       | 00442 | 00443 | 00444 | 00445 | 00446 | 00447 | 00448 | 00449 | 00450 | 00451 | 00452 | 00453 | 00454 | 00455 | 00456 | 00457 | 00458 | 00459 | 00460 | 00461 | 00462 | 00463    | 00464 |   |    |     |
| Infiltration Cellular, Lymphocyte                     | 2           | 2     | 2     | 2     | 1     | 2     | 3     | 1     | 2     | 1     | 2     | 3     | 3     | 2     | 2     | 2     | 2     | 1     | 2     | 2     | 2     | 2     | 1        | 1     | 2 | 48 | 2.1 |
| Inflammation, Chronic Active                          | 3           | 4     | 3     | 3     | 2     | 3     | 2     | 2     | 3     | 3     | 4     | 4     | 4     | 2     | 2     | 4     | 3     | 3     | 2     | 2     | 3     | 3     | 3        | 2     | 3 | 50 | 3.1 |
| Necrosis  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 2.0 |
| Proteinosis   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 2.0 |
| Alveolar Epithelium, Hyperplasia                      | 2           | 2     | 2     | 2     |       | 2     | 1     | 1     | 2     | 2     | 2     | 2     | 2     | 1     |       | 2     | 2     | 1     | 2     | 1     | 2     | 2     | 1        |       | 2 | 45 | 1.8 |
| Alveolus, Fibrosis                                    | 1           | 1     | 2     |       |       | 1     |       |       | 1     |       | 2     | 2     | 3     |       |       | 2     |       |       | 1     |       | 1     | 1     | 1        |       | 2 | 30 | 1.6 |
| Bronchiole, Epithelium, Hyperplasia                   | 2           | 1     | 1     | 1     |       | 2     | 1     | 1     | 1     | 1     | 1     | 2     | 2     | 1     |       | 1     | 1     | 2     | 2     |       | 1     | 1     | 1        |       | 1 | 44 | 1.3 |
| Bronchiole, Epithelium, Goblet Cell, Metaplasia       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 1.0 |
| Bronchus, Epithelium, Hyperplasia                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 1.0 |
| Bronchus, Epithelium, Metaplasia, Squamous            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 2.0 |
| Bronchus, Epithelium, Necrosis                        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 1.0 |
| Pleura, Fibrosis                                      | 1           | 1     | 2     | 1     |       | 2     | 1     | 1     | 1     | 1     | 1     | 2     | 1     | 2     | 1     |       | 3     | 1     | 1     | 1     | 1     |       | 1        | 1     | 1 | 46 | 1.4 |
| Pleura, Inflammation                                  | 1           | 1     | 1     | 1     | 1     | 2     | 1     | 1     | 2     | 1     | 1     | 1     |       | 1     | 1     | 1     | 2     | 1     |       | 1     | 1     | 1     | 1        | 1     | 1 | 47 | 1.3 |
| Nose  | +           | +     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | + | 49 |     |
| Foreign Body  | X           | X     | X     | X     |       | X     | X     | X     | X     | X     | X     | X     | X     |       | X     | X     | X     | X     | X     | X     | X     | X     | X        | X     | X | 48 |     |
| Nasolacrimal Duct, Inflammation, Chronic Active       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 2  | 1.0 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet   |             | 1     |       | 1     |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1     |       |          |       |   | 4  | 1.0 |
| Olfactory Epithelium, Atrophy                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 2.0 |
| Olfactory Epithelium, Inflammation, Acute             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1     |       |          |       |   | 1  | 1.0 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet |             |       |       | 1     |       |       |       |       |       |       |       |       | 1     |       | 1     |       |       |       |       |       | 1     |       |          |       | 1 | 7  | 1.0 |
| Respiratory Epithelium, Erosion, Acute                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 2 | 1  | 2.0 |
| Respiratory Epithelium, Inflammation, Acute           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 2 | 3  | 1.7 |
| Respiratory Epithelium, Inflammation, Chronic Active  |             |       | 1     |       |       | 1     |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       | 1     |       |          |       | 2 | 9  | 1.1 |
| Respiratory Epithelium, Metaplasia, Squamous          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 2 | 1  | 2.0 |
| Respiratory Epithelium, Regeneration                  |             |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |   | 1  | 1.0 |

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Experiment Number: 20601 - 04

Test Type: CHRONIC

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Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 12/03/2014

Time Report Requested: 09:59:55

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                  |             | 7 | 4 | 6 | 7 | 6 | 6 | 7 | 6 | 5 | 7 | 7 | 7 | 6 | 5 | 6 | 6 | 6 | 7 | 6 | 7 | 7 | 6 | 4 | 5 |   |
| 30 mg/m3         | ANIMAL ID   | 2 | 7 | 9 | 2 | 3 | 6 | 3 | 9 | 7 | 2 | 3 | 3 | 1 | 7 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 3 |   |   |
|                  |             | 9 | 4 | 1 | 9 | 2 | 5 | 0 | 6 | 9 | 9 | 0 | 0 | 2 | 9 | 6 | 9 | 2 | 0 | 6 | 0 | 9 | 9 | 6 | 6 |   |
|                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                  |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |   |
|                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |   |
|                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

males (cont...)

ALIMENTARY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder Inflammation, Chronic   | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | A | + |
| Intestine Large, Cecum Inflammation, Chronic Active                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Intestine Large, Colon  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum   | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Intestine Small, Ileum Inflammation, Chronic Active Peyer's Patch, Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum Inflammation Mineralization Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Basophilic Focus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Clear Cell Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver Eosinophilic Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver Eosinophilic Focus, Multiple  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver Hepatodiaphragmatic Nodule  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE | 30 mg/m3 | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | ANIMAL ID | males (cont...) |   |   |   |   |   |   |
|------------------|----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------------|---|---|---|---|---|---|
|                  |          | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |                 | 0 |   |   |   |   |   |
|                  |          | 7           | 4 | 6 | 7 | 6 | 6 | 7 | 6 | 5 | 7 | 7 | 7 | 6 | 5 | 6 | 6 | 6 | 7 | 6 | 7 |           |                 | 6 | 4 | 5 |   |   |   |
|                  |          | 2           | 7 | 9 | 2 | 3 | 6 | 3 | 9 | 7 | 2 | 3 | 1 | 7 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2         | 9               | 7 | 6 | 4 | 3 | 6 |   |
|                  |          | 9           | 4 | 1 | 9 | 2 | 5 | 0 | 6 | 9 | 9 | 0 | 0 | 2 | 9 | 6 | 9 | 2 | 0 | 6 | 0 | 9         | 9               | 6 | 2 | 2 | 3 | 6 |   |
|                  |          | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         | 0               | 0 | 0 | 0 | 0 | 0 | 0 |
|                  |          | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         | 0               | 0 | 0 | 0 | 0 | 0 | 0 |
|                  |          | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6         | 6               | 6 | 6 | 6 | 6 | 6 | 6 |
|                  |          | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2         | 2               | 2 | 2 | 2 | 2 | 2 | 2 |
|                  |          | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3         | 4               | 5 | 6 | 7 | 8 | 9 | 0 |

CARDIOVASCULAR SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adventitia, Inflammation, Chronic Active |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
| Media, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Heart                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Cardiomyopathy                           |   |   |   | 1 | 1 |   | 1 | 1 | 1 |   |   |   | 1 |   |   |   |   |   |   |   | 1 | 1 | 1 | 1 |   |   |   |   |   |   |
| Artery, Inflammation, Chronic Active     |   | 2 |   |   | 2 |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |
| Atrium, Inflammation, Acute              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |
| Epicardium, Fibrosis                     |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epicardium, Inflammation, Chronic Active |   |   | 3 |   | 2 |   |   | 1 |   |   |   |   | 1 |   |   | 1 |   |   | 1 | 2 |   | 1 |   |   |   |   |   |   |   |   |

ENDOCRINE SYSTEM

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zona Fasciculata, Hypertrophy |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Zona Glomerulosa, Necrosis    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | 1 |   |   |   |
| Islets, Pancreatic            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland             | + | M | + | + | + | + | + | M | + | M | + | + | M | M | M | M | + | M | + | M | + | + | + | + | + | + | + | + |   |
| Pituitary Gland               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst           |   |   |   |   |   |   | 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |
| Pars Distalis, Hyperplasia    |   |   |   |   |   |   |   |   |   |   |   | 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

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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: 09:59:55  
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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                  | 0 | 0 |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|
|                  |             | 7 | 4 | 6 | 7 | 6 | 6 | 7 | 6 | 5 | 7 | 7 | 7 | 6 | 5 | 6 | 6 | 6 | 7 | 6 | 7 | 7 | 2 | 7 | 6                  | 4 | 5 |
|                  |             | 2 | 7 | 9 | 2 | 3 | 6 | 3 | 9 | 7 | 2 | 3 | 3 | 1 | 7 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 9 | 7                  | 3 |   |
|                  |             | 9 | 4 | 1 | 9 | 2 | 5 | 0 | 6 | 9 | 9 | 0 | 0 | 2 | 9 | 6 | 9 | 2 | 0 | 6 | 0 | 9 | 9 | 6 | 2                  | 6 |   |
| 30 mg/m3         | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |   |
|                  |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6                  | 6 |   |
|                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2                  | 2 |   |
|                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6                  | 7 |   |
|                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | males<br>(cont...) |   |   |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node                        | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Bronchial             | + | M | + | + | M | I | + | M | I | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Foreign Body                      | X |   | X | X |   |   | X |   |   | X | X | X | X | X | X | X | X | X |   |   |   | X | X | X | X |
| Hyperplasia, Lymphoid             |   |   | 1 | 2 |   |   | 1 |   |   | 2 |   |   | 2 |   |   | 3 |   |   | 2 |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular            | + | M | + | M | + | M | + | M | + | M | M | + | + | M | M | + | + | + | M | M | + | M | M | M | + |
| Foreign Body                      | X |   | X |   | X |   | X |   | X |   | X | X |   |   | X |   | X |   |   |   | X |   |   |   |   |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mediastinal           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Foreign Body                      | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Hyperplasia, Lymphoid             | 2 | 2 | 3 | 2 | 3 |   |   | 2 | 2 | 2 | 2 |   | 2 | 2 |   | 2 | 1 | 1 |   | 1 |   |   |   |   |   |
| Infiltration Cellular, Histiocyte |   |   | 3 | 3 | 1 | 1 | 2 |   | 1 |   | 1 |   |   | 1 | 2 | 2 |   | 2 | 1 | 1 |   | 1 |   | 3 | 2 |
| Artery, Necrosis, Fibrinoid       |   |   | 3 |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spleen                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                       |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hematopoietic Cell Proliferation  |   |   |   |   | 3 | 2 |   |   |   |   | 2 |   |   |   |   |   |   |   | 1 | 2 |   |   |   | 1 |   |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1 |   |   |   |   |   |
| Artery, Necrosis, Fibrinoid       |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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  
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1-4 .. Lesion qualified as:  
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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3                         | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | males<br>(cont...) |                  |                  |                  |                  |                  |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|------------------|------------------|------------------|------------------|------------------|
|  | 0<br>7<br>2<br>9 | 0<br>4<br>7<br>4 | 0<br>6<br>9<br>1 | 0<br>7<br>2<br>9 | 0<br>6<br>3<br>2 | 0<br>6<br>6<br>5 | 0<br>7<br>3<br>0 | 0<br>6<br>9<br>6 | 0<br>5<br>7<br>9 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>0 | 0<br>6<br>1<br>2 | 0<br>5<br>7<br>9 | 0<br>6<br>4<br>6 | 0<br>6<br>3<br>9 | 0<br>6<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>6<br>4<br>6 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>9 |           |                    | 0<br>6<br>9<br>6 | 0<br>4<br>7<br>2 | 0<br>6<br>9<br>6 | 0<br>4<br>7<br>2 | 0<br>5<br>3<br>6 |
| Thymus   | +                | +                | +                | M                | M                | +                | +                | +                | M                | +                | +                | +                | M                | +                | +                | +                | +                | +                | I                | +                | +         | +                  | +                | +                | +                |                  |                  |
| Cyst   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |           |                    |                  |                  |                  |                  |                  |
| Depletion Cellular<br>Medulla, Hyperplasia, Lymphoid |                  |                  |                  |                  |                  | 4                | 2                | 4                |                  | 4                |                  |                  |                  | 4                | 4                | 4                | 4                | 4                |                  | 3                | 2         | 4                  | 4                | 4                | 4                |                  |                  |
|  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |                  |           |                    |                  |                  |                  |                  |                  |
| <b>INTEGUMENTARY SYSTEM</b>                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Mammary Gland  | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M         | M                  | M                | M                | M                | M                |                  |
| Skin   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                  | +                | +                | +                |                  |                  |
| Inflammation, Chronic Active                         |                  |                  |                  |                  |                  | 4                |                  |                  | 4                | 4                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| <b>MUSCULOSKELETAL SYSTEM</b>                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Bone   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                  | +                | +                | +                |                  |                  |
| Femur, Fibro-Osseous Lesion                          |                  |                  |                  |                  |                  | 2                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Maxilla, Osteomalacia                                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Synovial Tissue, Inflammation, Chronic               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Skeletal Muscle                                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| <b>NERVOUS SYSTEM</b>                                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Brain  | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                  | +                | +                | +                |                  |                  |
| Cerebrum, Inflammation, Chronic                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| <b>RESPIRATORY SYSTEM</b>                            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |
| Larynx   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                  | +                | +                | +                |                  |                  |
| Foreign Body   | X                | X                |                  | X                | X                |                  | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                |                  | X                | X                | X         | X                  |                  | X                | X                |                  |                  |
| Inflammation, Chronic Active                         |                  |                  | 1                | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                  |                  |                  |                  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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 X .. Lesion present  
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 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3                                | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | males<br>(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
|   | 0729        | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 |           |                    |
| Artery, Inflammation, Chronic Active                        |             |      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Respiratory Epithelium, Hyperplasia                         | 1           |      | 1    |      | 1    |      |      | 1    |      | 1    | 1    |      |      |      |      |      | 1    |      | 1    | 1    | 1    | 1    |           |                    |
| Respiratory Epithelium, Inclusion Body Intracytoplasmic     |             |      |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Respiratory Epithelium, Metaplasia, Squamous                | 1           | 1    |      |      | 2    |      | 1    | 1    |      |      |      | 1    | 1    | 1    |      |      | 1    |      |      |      |      |      |           |                    |
| Respiratory Epithelium, Necrosis                            |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Squamous Epithelium, Hyperplasia                            |             |      | 1    | 1    |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |      |      | 2    | 1    |           |                    |
| Squamous Epithelium, Necrosis                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      |      |           |                    |
| Lung  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |           |                    |
| Foreign Body  | X           | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |           |                    |
| Infiltration Cellular, Lymphocyte                           | 4           | 4    | 2    | 3    | 2    |      | 3    | 2    | 1    | 4    | 3    |      | 3    | 2    | 2    | 2    | 4    | 2    | 2    | 4    | 4    | 2    |           |                    |
| Inflammation, Chronic Active                                | 4           | 3    | 4    | 4    | 4    | 4    | 4    | 3    | 3    | 4    | 4    | 4    | 3    | 4    | 3    | 4    | 4    | 4    | 4    | 3    | 4    | 4    |           |                    |
| Alveolar Epithelium, Hyperplasia                            | 2           | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1    |           |                    |
| Alveolus, Fibrosis  | 2           | 2    | 2    | 2    | 2    | 3    | 1    | 1    |      | 1    | 1    | 1    |      | 1    |      |      | 1    | 3    |      | 1    | 1    | 3    |           |                    |
| Bronchiole, Epithelium, Hyperplasia                         | 2           | 1    | 1    | 1    | 2    | 2    | 1    | 1    | 1    | 1    | 1    | 2    | 1    | 2    | 1    | 2    | 1    | 1    | 2    | 2    | 1    | 2    |           |                    |
| Bronchus, Epithelium, Accumulation, Hyaline Droplet         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2    |           |                    |
| Bronchus, Epithelium, Goblet Cell, Metaplasia               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Pleura, Fibrosis  | 3           | 3    | 2    | 1    | 2    | 2    | 2    | 3    | 1    | 3    | 1    | 2    | 1    | 1    | 4    | 1    | 3    | 2    | 4    | 1    | 1    | 2    |           |                    |
| Pleura, Inflammation  | 2           | 1    | 2    | 1    | 2    | 2    | 2    | 1    | 1    | 1    | 1    | 2    | 1    | 1    | 2    | 2    | 3    | 2    | 4    | 1    | 1    | 1    |           |                    |
| Nose  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |           |                    |
| Foreign Body  | X           | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |           |                    |
| Glands, Olfactory Epithelium, Accumulation, Hyaline Droplet |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |           |                    |
| Nasolacrimal Duct, Inflammation, Acute                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |           |                    |
| Nasolacrimal Duct, Inflammation, Chronic Active             |             |      |      |      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |      |      |      |      |           |                    |
| Olfactory Epithelium, Accumulation, Hyaline Droplet         |             |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      | 1    |           |                    |

\* .. 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  
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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3                          | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | males<br>(cont...) |                  |                       |        |   |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|------------------|-----------------------|--------|---|
|   | 0<br>7<br>2<br>9 | 0<br>4<br>7<br>4 | 0<br>6<br>9<br>1 | 0<br>7<br>2<br>9 | 0<br>6<br>3<br>2 | 0<br>6<br>6<br>5 | 0<br>7<br>3<br>0 | 0<br>6<br>9<br>6 | 0<br>5<br>7<br>9 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>0 | 0<br>6<br>3<br>2 | 0<br>5<br>4<br>9 | 0<br>6<br>3<br>6 | 0<br>6<br>3<br>9 | 0<br>7<br>3<br>0 | 0<br>6<br>3<br>4 | 0<br>7<br>3<br>0 | 0<br>7<br>2<br>9 | 0<br>6<br>9<br>6 | 0<br>4<br>7<br>2 |           |                    | 0<br>5<br>9<br>9 |                       |        |   |
|   | 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<br>0<br>6<br>0<br>1 |        |   |
| Olfactory Epithelium, Inflammation, Acute             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 4      |   |
| Olfactory Epithelium, Necrosis                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        | 2 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 1                |                  |                  |                  | 1                | 3                | 1                | 1                |                  |                  |                  |                  | 1                |                  | 1                | 1                |                  |                  |                  |                  |                  |           | 1                  |                  |                       |        |   |
| Respiratory Epithelium, Hyperplasia                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           | 1                  |                  |                       |        |   |
| Respiratory Epithelium, Inflammation, Acute           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 3      |   |
| Respiratory Epithelium, Inflammation, Chronic Active  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 2      |   |
| Respiratory Epithelium, Metaplasia, Squamous          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 1      |   |
| Respiratory Epithelium, Necrosis                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 2      |   |
| Respiratory Epithelium, Thrombosis                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        |   |
| Turbinate, Inflammation, Suppurative                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 1      |   |
| Pleura  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | +      |   |
| Trachea   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        |   |
| Foreign Body  | X                | X                |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  | X                | X                |                  |                  |                  |                  | X                | X                | X                |           | X                  | X                |                       |        |   |
| Epithelium, Hyperplasia                               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 1      |   |
| Epithelium, Inclusion Body Intracytoplasmic           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 2      |   |
| Epithelium, Metaplasia, Squamous                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 1      |   |
| <b>SPECIAL SENSES SYSTEM</b>                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        |   |
| Eye   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        |   |
| Cataract  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 1<br>3 |   |
| Harderian Gland                                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        |   |
| Hyperplasia   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       | 2<br>1 |   |
| <b>URINARY SYSTEM</b>                                 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |                  |                       |        |   |

\* .. 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

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Lab: BNW

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

**ALIMENTARY SYSTEM**

|                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |       |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|
| Esophagus                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +     | 50    |
| Gallbladder                          | + | + | A | + | M | + | A | + | + | + | + | + | A | + | + | + | + | M | M | + | + | + | + | 40    |       |
| Inflammation, Chronic                |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |       | 2 1.5 |
| Intestine Large, Cecum               | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 47    |       |
| Inflammation, Chronic Active         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       | 1 2.0 |
| Intestine Large, Colon               | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 48    |       |
| Intestine Large, Rectum              | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 48    |       |
| Intestine Small, Duodenum            | + | + | A | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 46    |       |
| Intestine Small, Ileum               | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 48    |       |
| Inflammation, Chronic Active         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |       |
| Peyer's Patch, Hyperplasia, Lymphoid |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2 | 2 2.0 |       |
| Intestine Small, Jejunum             | + | + | M | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 48    |       |
| Inflammation                         |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.5 |       |
| Mineralization                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   | 1 1.0 |       |
| Peyer's Patch, Hyperplasia, Lymphoid |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2 | 2 2.0 |       |
| Liver                                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50    |       |
| Basophilic Focus                     |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 5     |       |
| Clear Cell Focus                     |   |   |   |   | X |   |   |   |   |   |   | X |   |   |   |   |   | X |   |   | X |   |   | 6     |       |
| Eosinophilic Focus                   |   |   |   |   |   | X |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | X |   | 7     |       |
| Eosinophilic Focus, Multiple         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1     |       |
| Hepatodiaphragmatic Nodule           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1     |       |

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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3         | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |       |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
|                                      | 0646        | 0652  | 0653  | 0654  | 0655  | 0656  | 0657  | 0657  | 0656  | 0655  | 0657  | 0656  | 0654  | 0657  | 0655  | 0657  | 0656  | 0655  | 0657  | 0657  |          | 0656  | 0654  |
| ANIMAL ID                            | 00628       | 00662 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663    | 00663 |       |
| Inflammation, Chronic Active         |             |       |       |       |       | 3     |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |          |       | 3 1.7 |
| Mixed Cell Focus                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Necrosis                             |             |       |       |       |       | 2     |       |       |       |       |       | 2     |       |       |       |       | 4     | 2     |       |       |          |       | 6 2.5 |
| Pigmentation                         |             |       |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |          |       | 1 1.0 |
| Thrombosis                           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 2.0 |
| Mesentery                            |             |       |       |       |       |       |       | +     | +     |       |       |       |       |       |       |       |       |       |       |       |          |       | 5     |
| Cyst, Squamous                       |             |       |       |       |       | 2     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 2.0 |
| Necrosis, Fatty                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 2.0 |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |          |       | 2 2.0 |
| Artery, Necrosis, Chronic Active     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 3.0 |
| Pancreas                             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | 50    |
| Inflammation                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 1.0 |
| Salivary Glands                      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | 50    |
| Stomach, Forestomach                 | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | 50    |
| Hyperkeratosis                       |             |       | 3     |       | 2     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 3 2.3 |
| Hyperplasia, Squamous                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |          |       | 3 2.0 |
| Inflammation, Chronic Active         |             |       | 3     |       |       |       |       | 1     |       |       |       |       |       |       |       | 1     |       |       |       |       |          |       | 7 1.3 |
| Ulcer                                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 2 2.5 |
| Stomach, Glandular                   | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | 50    |
| Inflammation, Chronic Active         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 1.0 |
| Mineralization                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 1.0 |
| Tooth                                |             |       |       |       |       |       |       |       |       |       |       |       |       | +     |       |       |       |       |       |       |          | +     | 6     |
| Dysplasia                            |             |       |       |       |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |       |          | 1     | 6 2.0 |
| Inflammation, Chronic Active         |             |       |       |       |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |       |          |       | 3 3.0 |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

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

**CARDIOVASCULAR SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Blood Vessel                             | + | + | + | + | + | I | + | + | + | I | + | + | I | + | + | M | + | + | I | + | + | + | + | + | + | <b>44</b>     |               |
| Adventitia, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 1.0</b>  |
| Media, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 1.0</b>  |
| Heart                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b>     |               |
| Cardiomyopathy                           |   |   | 1 |   |   | 1 | 1 | 1 | 1 |   |   | 1 |   | 1 | 2 |   |   |   |   |   |   | 1 |   |   |   |               | <b>19 1.1</b> |
| Artery, Inflammation, Chronic Active     |   |   |   |   |   |   | 2 |   | 1 |   |   |   |   | 2 |   |   | 3 |   | 1 |   |   |   |   |   |   |               | <b>9 1.8</b>  |
| Atrium, Inflammation, Acute              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 2.0</b>  |
| Epicardium, Fibrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 1.0</b>  |
| Epicardium, Inflammation, Chronic Active |   |   |   |   |   |   | 1 | 1 | 1 | 1 |   |   | 1 |   |   | 1 |   |   | 1 | 2 |   |   |   | 1 |   | <b>16 1.3</b> |               |

**ENDOCRINE SYSTEM**

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |              |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | <b>49</b>    |              |
| Zona Fasciculata, Hypertrophy |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 | 1 |   | 1 | 1 |              | <b>8 1.0</b> |
| Zona Glomerulosa, Necrosis    |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 2.0</b> |
| Adrenal Medulla               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | <b>49</b>    |              |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   | 1 |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   | 1 |   | <b>7 1.1</b> |              |
| Islets, Pancreatic            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b>    |              |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |              | <b>2 2.0</b> |
| Parathyroid Gland             | + | + | + | + | M | + | M | M | M | + | + | + | + | + | M | + | + | + | + | M | M | + | M | + | + | <b>33</b>    |              |
| Pituitary Gland               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b>    |              |
| Pars Distalis, Cyst           |   | 2 |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 1 |   |   |   |   |   | <b>6 1.5</b> |              |
| Pars Distalis, Hyperplasia    |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | <b>3 1.0</b> |              |

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 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  
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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE                        | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | * TOTALS |                       |                       |                       |                       |                       |                       |                       |                       |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|   | 0<br>6<br>4<br>6      | 0<br>6<br>9<br>1      | 0<br>5<br>2<br>9      | 0<br>5<br>3<br>0      | 0<br>6<br>4<br>6      | 0<br>5<br>9<br>3      | 0<br>6<br>7<br>3      | 0<br>6<br>7<br>3      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>0      | 0<br>6<br>6<br>3      | 0<br>5<br>5<br>4      | 0<br>7<br>3<br>0      | 0<br>6<br>7<br>4      | 0<br>4<br>9<br>0      | 0<br>7<br>5<br>9      | 0<br>5<br>2<br>4      | 0<br>7<br>2<br>1      | 0<br>6<br>7<br>9      | 0<br>5<br>1<br>0      |          | 0<br>7<br>3<br>0      | 0<br>7<br>2<br>9      | 0<br>7<br>2<br>9      | 0<br>6<br>2<br>4      |                       |                       |                       |                       |
| 30 mg/m3                                | ANIMAL ID             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | * TOTALS |                       |                       |                       |                       |                       |                       |                       |                       |
|   | 0<br>0<br>6<br>2<br>8 | 0<br>0<br>6<br>2<br>9 | 0<br>0<br>6<br>3<br>3 | 0<br>0<br>6<br>3<br>4 | 0<br>0<br>6<br>3<br>7 | 0<br>0<br>6<br>3<br>8 | 0<br>0<br>6<br>3<br>9 | 0<br>0<br>6<br>4<br>0 | 0<br>0<br>6<br>4<br>1 | 0<br>0<br>6<br>4<br>2 | 0<br>0<br>6<br>4<br>3 | 0<br>0<br>6<br>4<br>4 | 0<br>0<br>6<br>4<br>4 | 0<br>0<br>6<br>4<br>4 | 0<br>0<br>6<br>4<br>4 | 0<br>0<br>6<br>4<br>4 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 |          | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 | 0<br>0<br>6<br>5<br>5 |
| Thyroid Gland                           | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 49                    |                       |                       |
| <b>GENERAL BODY SYSTEM</b>              |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       |                       |                       |
| Peritoneum                              |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
| <b>GENITAL SYSTEM</b>                   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       |                       |                       |
| Epididymis                              | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 50                    |                       |                       |
| Arteriole, Inflammation, Chronic Active |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       | 1                     | 1                     | 1.0                   |                       |
| Preputial Gland                         | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 50                    |                       |                       |
| Ectasia                                 | 1                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 18                    |                       |
| Inflammation, Chronic Active            |                       |                       |                       |                       |                       |                       |                       | 2                     | 1                     | 1                     | 2                     |                       | 2                     | 2                     |                       |                       |                       |                       | 2                     |                       |          |                       |                       |                       |                       |                       | 4                     | 2                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 2                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 2                     |                       |
| Prostate                                | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 50                    |                       |                       |
| Seminal Vesicle                         | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 50                    |                       |                       |
| Testes                                  | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 50                    |                       |                       |
| Degeneration                            |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       |                       |                       |
| Mineralization                          |                       |                       | 2                     |                       |                       |                       | 2                     |                       |                       | 1                     | 1                     |                       |                       | 1                     |                       |                       | 2                     |                       | 1                     | 2                     |          |                       |                       | 1                     | 1                     | 1                     | 22                    |                       |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1.3                   |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1.0                   |                       |
| <b>HEMATOPOIETIC SYSTEM</b>             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       |                       |                       |
| Bone Marrow                             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +        | +                     | +                     | +                     | +                     | +                     | 50                    |                       |                       |
| Hemorrhage                              |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
| Hyperplasia                             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
| Necrosis                                |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
| Thrombosis                              |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 2.0                   |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 33                    |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 1                     |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 2.0                   |                       |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |                       |                       |                       |                       |                       |                       | 2.0                   |                       |

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
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 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3      | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |        |        |
|-----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|--------|--------|
|                                   | 0646        | 0661  | 0659  | 0653  | 0664  | 0655  | 0665  | 0677  | 0673  | 0666  | 0655  | 0673  | 0664  | 0674  | 0675  | 0672  | 0665  | 0677  | 0657  | 0677  |          | 0676  | 0664   |        |
| ANIMAL ID                         | 00628       | 00662 | 00663 | 00663 | 00663 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666    | 00666 |        |        |
| Lymph Node                        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |       |        |        |
| Lymph Node, Bronchial             | M           | +     | +     | +     | +     | +     | +     | M     | +     | +     | +     | +     | +     | +     | M     | +     | +     | +     | +     | +     | +        | +     | 41     |        |
| Foreign Body                      |             | X     | X     | X     | X     | X     | X     |       | X     |       | X     | X     | X     | X     |       | X     | X     | X     | X     | X     | X        | X     | 38     |        |
| Hyperplasia, Lymphoid             |             |       | 2     | 1     |       |       |       |       |       |       |       | 1     |       |       |       |       | 2     | 2     |       |       | 2        |       | 13 1.8 |        |
| Infiltration Cellular, Histiocyte |             |       | 1     | 1     |       |       | 2     |       |       |       |       | 1     |       |       |       |       |       |       |       |       | 1        |       | 6 1.2  |        |
| Lymph Node, Mandibular            | +           | +     | M     | M     | M     | +     | +     | +     | M     | +     | +     | M     | M     | +     | M     | M     | +     | M     | +     | +     | M        | +     | +      | 26     |
| Foreign Body                      |             | X     |       |       |       |       | X     | X     |       |       | X     |       |       |       |       |       |       |       | X     |       |          | X     | X      | 16     |
| Hyperplasia, Lymphoid             |             |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       | 1        |       |        | 4 1.5  |
| Infiltration Cellular, Histiocyte |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |        | 1 1.0  |
| Lymph Node, Mediastinal           | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +      | 49     |
| Angiectasis                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |       |        | 1 2.0  |
| Foreign Body                      | X           | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X        | X     | X      | 48     |
| Hyperplasia, Lymphoid             | 4           |       |       | 2     | 1     | 2     | 3     |       | 2     |       | 1     | 2     | 1     |       |       | 2     | 2     | 4     | 1     | 2     | 1        | 2     | 1      | 34 1.9 |
| Infiltration Cellular, Histiocyte |             |       |       |       | 1     | 2     | 1     | 4     | 2     | 3     | 2     | 2     |       |       | 2     | 1     | 2     |       | 1     | 2     | 1        | 1     |        | 34 1.7 |
| Artery, Necrosis, Fibrinoid       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |        | 2 3.0  |
| Lymph Node, Mesenteric            | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +      | 50     |
| Angiectasis                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 2     |        | 1 2.0  |
| Hyperplasia, Lymphoid             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |        | 2 2.0  |
| Infiltration Cellular, Histiocyte |             |       |       |       |       | 2     |       |       |       |       |       | 2     |       |       |       |       |       |       |       |       |          |       |        | 2 2.0  |
| Spleen                            | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +      | 50     |
| Angiectasis                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |        | 1 1.0  |
| Hematopoietic Cell Proliferation  |             |       | 2     |       |       | 2     | 3     |       |       | 2     |       | 3     |       |       |       |       |       | 1     | 1     |       |          |       |        | 13 1.9 |
| Hyperplasia, Lymphoid             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       |       |       |          |       |        | 3 1.7  |
| Artery, Necrosis, Fibrinoid       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |        | 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3                      | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |      |   |   |           |            |            |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|---|---|-----------|------------|------------|
|   | 0646        | 0649  | 0652  | 0653  | 0656  | 0655  | 0667  | 0667  | 0666  | 0657  | 0676  | 0674  | 0647  | 0675  | 0677  | 0665  | 0657  | 0675  | 0677  | 0677  |          | 0676 |   |   |           |            |            |
| ANIMAL ID   | 00628       | 00662 | 00663 | 00663 | 00663 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666    |      |   |   |           |            |            |
| Thymus  | +           | +     | +     | +     | M     | +     | +     | I     | +     | I     | +     | +     | +     | +     | +     | +     | +     | +     | I     | +     | +        | +    | I | I | +         | <b>39</b>  |            |
| Cyst  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>1</b>   | <b>1.0</b> |
| Depletion Cellular Medulla, Hyperplasia, Lymphoid | 4           | 4     |       | 2     |       | 4     | 2     |       | 4     |       | 4     | 3     | 3     |       | 4     | 4     | 4     | 3     |       | 1     | 4        | 3    |   | 4 | <b>32</b> | <b>3.5</b> |            |
|   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>2</b>   | <b>1.5</b> |
| <b>INTEGUMENTARY SYSTEM</b>                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           |            |            |
| Mammary Gland                                     | M           | M     | +     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M     | M        | M    | M | M | M         | <b>1</b>   |            |
| Skin  | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +    | + | + | +         | <b>50</b>  |            |
| Inflammation, Chronic Active                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>3</b>   | <b>4.0</b> |
| <b>MUSCULOSKELETAL SYSTEM</b>                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           |            |            |
| Bone  | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +    | + | + | +         | <b>50</b>  |            |
| Femur, Fibro-Osseous Lesion                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>2</b>   | <b>1.5</b> |
| Maxilla, Osteomalacia                             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>1</b>   | <b>2.0</b> |
| Synovial Tissue, Inflammation, Chronic            |             |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>1</b>   | <b>1.0</b> |
| Skeletal Muscle                                   |             |       | +     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>1</b>   |            |
| <b>NERVOUS SYSTEM</b>                             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           |            |            |
| Brain   | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +    | + | + | +         | <b>50</b>  |            |
| Cerebrum, Inflammation, Chronic                   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           | <b>1</b>   | <b>1.0</b> |
| <b>RESPIRATORY SYSTEM</b>                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |      |   |   |           |            |            |
| Larynx  | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +    | + | + | +         | <b>50</b>  |            |
| Foreign Body                                      | X           | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X        | X    | X | X | X         | <b>44</b>  |            |
| Inflammation, Chronic Active                      |             |       | 2     |       |       |       |       |       | 1     |       |       |       | 2     |       |       |       |       |       |       |       |          |      |   |   |           | <b>11</b>  | <b>1.2</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  
 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3                                | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |       |   |        |        |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|---|--------|--------|
|   | 0646        | 0661  | 0659  | 0653  | 0664  | 0656  | 0666  | 0677  | 0677  | 0666  | 0655  | 0677  | 0666  | 0644  | 0677  | 0655  | 0677  | 0666  | 0655  | 0677  |          | 0666  | 0644  |   |        |        |
| ANIMAL ID   | 00628       | 00662 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663    | 00663 |       |   |        |        |
| Artery, Inflammation, Chronic Active                        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1 2.0 |   |        |        |
| Respiratory Epithelium, Hyperplasia                         |             | 2     | 2     | 1     | 2     | 1     |       |       | 1     | 1     | 2     |       |       | 2     | 2     |       | 1     | 1     | 1     |       |          | 1     | 1     | 1 | 30 1.2 |        |
| Respiratory Epithelium, Inclusion Body Intracytoplasmic     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |   | 1 1.0  |        |
| Respiratory Epithelium, Metaplasia, Squamous                | 1           |       | 1     |       |       |       |       | 1     |       |       |       |       |       | 1     | 1     |       |       |       | 1     | 1     | 1        |       | 1     |   | 18 1.1 |        |
| Respiratory Epithelium, Necrosis                            |             |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |          |       |       |   | 1 1.0  |        |
| Squamous Epithelium, Hyperplasia                            |             |       | 1     |       | 1     |       |       |       | 1     |       |       |       |       | 1     |       |       |       |       | 1     | 1     | 1        |       |       | 2 | 13 1.2 |        |
| Squamous Epithelium, Necrosis                               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |   | 1 1.0  |        |
| Lung  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |   | 50     |        |
| Foreign Body  | X           | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X        | X     | X     | X | 50     |        |
| Infiltration Cellular, Lymphocyte                           | 2           |       | 4     | 3     | 4     | 4     | 2     |       | 2     | 2     | 4     | 4     |       | 4     | 4     | 3     | 4     | 4     | 3     | 4     | 4        | 3     | 2     | 2 | 4      | 45 2.9 |
| Inflammation, Chronic Active                                | 4           | 2     | 4     | 2     | 4     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 3     | 3     | 4     | 3     | 3     | 4     | 4     | 4     | 4        | 4     | 4     | 4 | 4      | 50 3.7 |
| Alveolar Epithelium, Hyperplasia                            | 2           |       | 2     | 1     | 2     | 2     | 2     | 3     | 2     | 2     | 2     | 2     | 1     | 1     | 2     | 1     | 2     | 2     | 2     | 2     | 2        | 2     | 2     | 2 | 2      | 49 1.9 |
| Alveolus, Fibrosis  | 1           |       | 1     |       | 1     | 2     |       | 3     | 3     | 1     |       | 2     | 2     |       | 3     |       | 2     |       | 3     | 3     | 2        |       | 3     | 3 | 2      | 37 1.9 |
| Bronchiole, Epithelium, Hyperplasia                         | 1           |       | 2     |       | 2     | 2     | 2     | 2     | 2     | 1     | 2     | 1     |       | 3     |       | 2     | 1     | 1     | 2     | 2     | 1        | 2     | 2     | 2 | 2      | 44 1.6 |
| Bronchus, Epithelium, Accumulation, Hyaline Droplet         | 1           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |   |        | 2 1.5  |
| Bronchus, Epithelium, Goblet Cell, Metaplasia               |             |       |       |       |       | 1     |       |       |       |       |       | 1     |       |       |       |       |       | 1     |       |       |          |       |       |   |        | 3 1.0  |
| Pleura, Fibrosis  | 2           | 2     | 2     | 2     | 3     | 3     | 4     | 4     | 4     | 3     | 4     | 2     | 3     | 3     | 2     | 2     | 2     | 2     | 3     | 4     | 3        | 2     | 3     | 3 | 4      | 50 2.4 |
| Pleura, Inflammation  | 1           | 1     | 2     | 2     | 2     | 2     | 3     |       | 2     | 2     | 1     | 1     |       | 2     | 2     | 2     | 1     | 2     | 2     | 3     | 2        | 2     | 2     | 3 | 4      | 48 1.8 |
| Nose  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |   |        | 50     |
| Foreign Body  | X           | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X        | X     | X     | X | X      | 49     |
| Glands, Olfactory Epithelium, Accumulation, Hyaline Droplet |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |   |        | 1 1.0  |
| Nasolacrimal Duct, Inflammation, Acute                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1     |       |   |        | 2 1.0  |
| Nasolacrimal Duct, Inflammation, Chronic Active             |             |       |       |       |       | 1     |       |       |       | 2     |       |       |       |       |       |       |       |       |       |       |          |       |       |   |        | 3 1.7  |
| Olfactory Epithelium, Accumulation, Hyaline Droplet         |             |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       |          |       |       |   |        | 4 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | * TOTALS |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------|
|                  | 0646        | 0661 | 0659 | 0655 | 0666 | 0656 | 0667 | 0677 | 0676 | 0664 | 0674 | 0657 | 0677 | 0666 | 0657 | 0665 | 0676 | 0657 | 0675 | 0677 | 0677 | 0666 | 0676 |  |          |
| 30 mg/m3         | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |  |          |
| ANIMAL ID        | 0628        | 0662 | 0663 | 0633 | 0633 | 0633 | 0633 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 | 0644 |  |          |

|   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |     |
|---|---|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|-----|
| Olfactory Epithelium, Inflammation, Acute             |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4.0 |     |
| Olfactory Epithelium, Necrosis                        |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1   | 2.0 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 1 |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 12  | 1.2 |
| Respiratory Epithelium, Hyperplasia                   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2   | 1.0 |
| Respiratory Epithelium, Inflammation, Acute           |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2   | 2.0 |
| Respiratory Epithelium, Inflammation, Chronic Active  |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 6   | 1.5 |
| Respiratory Epithelium, Metaplasia, Squamous          |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2   | 1.0 |
| Respiratory Epithelium, Necrosis                      |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2   | 1.5 |
| Respiratory Epithelium, Thrombosis                    |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1   | 1.0 |
| Turbinate, Inflammation, Suppurative                  |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2   | 1.0 |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Pleura                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |     |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |
| Foreign Body                                | X | X | X | X | X |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X | 20 |     |
| Epithelium, Hyperplasia                     |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 5  | 1.2 |
| Epithelium, Inclusion Body Intracytoplasmic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1  | 2.0 |
| Epithelium, Metaplasia, Squamous            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1.0 |

SPECIAL SENSES SYSTEM

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |     |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |   |     |
| Cataract        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 | 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |   |     |
| Hyperplasia     |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 | 1.3 |

URINARY 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE MALE<br>30 mg/m3         | DAY ON TEST | 0646  | 0652  | 0653  | 0656  | 0657  | 0665  | 0667  | 0667  | 0666  | 0657  | 0664  | 0674  | 0676  | 0675  | 0677  | 0676  | 0657  | 0675  | 0677  | 0677  | 0676  | 0664        | * TOTALS |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|----------|
|                                      | ANIMAL ID   | 00628 | 00662 | 00663 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666       |          |
| Kidney                               |             | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +           | 50       |
| Infarct                              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |             | 1 2.0    |
| Metaplasia, Osseous                  |             |       |       |       |       |       |       |       |       |       | 2     |       |       |       |       |       |       |       |       |       |       |       |             | 1 2.0    |
| Nephropathy                          |             | 1     | 3     |       |       |       | 1     | 1     | 1     | 1     | 2     | 2     | 4     | 4     |       |       |       | 2     | 2     | 2     | 2     |       | 1 1 2 2 1 1 | 40 1.8   |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |             | 1 1.0    |
| Urinary Bladder                      |             | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +           | 50       |

\*\*\* 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | females<br>(cont...)  |  |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
|                    | 0<br>7<br>3<br>1      | 0<br>6<br>0<br>5      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>5      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>6<br>3<br>4      | 0<br>7<br>3<br>5      | 0<br>6<br>1<br>4      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>1      |                       |  |
| Control            | ANIMAL ID             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |  |
|                    | 0<br>0<br>1<br>0<br>1 | 0<br>0<br>1<br>0<br>2 | 0<br>0<br>1<br>0<br>3 | 0<br>0<br>1<br>0<br>4 | 0<br>0<br>1<br>0<br>5 | 0<br>0<br>1<br>0<br>6 | 0<br>0<br>1<br>0<br>7 | 0<br>0<br>1<br>0<br>8 | 0<br>0<br>1<br>0<br>0 | 0<br>0<br>1<br>0<br>1 | 0<br>0<br>1<br>0<br>2 | 0<br>0<br>1<br>0<br>3 | 0<br>0<br>1<br>0<br>4 | 0<br>0<br>1<br>0<br>5 | 0<br>0<br>1<br>0<br>6 | 0<br>0<br>1<br>0<br>8 | 0<br>0<br>1<br>0<br>9 | 0<br>0<br>1<br>0<br>0 | 0<br>0<br>1<br>0<br>1 | 0<br>0<br>1<br>0<br>2 | 0<br>0<br>1<br>0<br>3 | 0<br>0<br>1<br>0<br>4 | 0<br>0<br>1<br>0<br>5 | 0<br>0<br>1<br>0<br>6 | 0<br>0<br>1<br>0<br>7 |  |

Artery, Inflammation, Chronic Active

3

Pancreas

+ +

Salivary Glands

+ +

Stomach, Forestomach  
Hyperkeratosis

+  
1 2

Stomach, Glandular  
Inflammation, Chronic Active  
Mineralization

+  
1

**CARDIOVASCULAR SYSTEM**

Blood Vessel  
Inflammation, Chronic Active

+  
1

Heart  
Cardiomyopathy  
Necrosis, Acute  
Artery, Inflammation, Chronic Active  
Valve, Inflammation, Chronic Active

+  
1  
1 1 2 2 1 1

**ENDOCRINE SYSTEM**

Adrenal Cortex  
Zona Fasciculata, Hypertrophy

+  
2 1

Adrenal Medulla  
Hyperplasia

+  
1 2

\* .. 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: 09:59:55  
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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 7           | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 2 | 6 | 7 | 7 | 7 |
| Control  | ANIMAL ID   | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 9 | 3 | 5 | 1 | 3 | 3 | 1 |
|  |             | 1 | 5 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 1 | 5 | 4 | 2 | 3 | 1 |
|  |             | 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 |
| Islets, Pancreatic<br>Hyperplasia, Adenomatous                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Parathyroid Gland<br>Cyst<br>Hypertrophy                             |             | + | + | M | + | + | M | + | + | + | M | M | M | + | M | M | M | + | + | M | M | M | M | + | M |   |
| Pituitary Gland<br>Pars Distalis, Cyst<br>Pars Distalis, Hyperplasia |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Thyroid Gland<br>Follicular Cell, Hyperplasia                        |             | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|  |             | 1 |   |   | 2 |   | 1 |   |   |   |   |   |   |   |   | 1 |   | 1 |   | 2 |   |   | 1 | 1 |   |   |
|  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |

females  
(cont...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland  
Inflammation, Chronic Active

Ovary  
Angiectasis  
Inflammation, Acute  
Inflammation, Chronic Active  
Bursa, Cyst  
Follicle, Cyst

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
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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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>Control | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(cont...) |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
|                               | 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 |                      |
|                               | 7           | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 2 | 6 | 7 | 7 | 7 |                      |
|                               | 3           | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 9 | 3 | 5 | 1 | 3 | 3 |                      |
|                               | 1           | 5 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 1 | 5 | 4 | 2 | 1 | 1 |                      |
| ANIMAL ID                     |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                      |
|                               |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                      |
|                               |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                      |
|                               |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7                    |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oviduct                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Uterus                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Inflammation, Chronic Active                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Endometrial Glands, Endometrium, Hyperplasia |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Endometrium, Hyperplasia, Cystic             | 2 |   | 3 | 2 | 3 | 2 |   | 1 | 3 | 1 |   | 2 | 1 |   | 2 |   | 3 | 3 | 2 | 1 | 2 |   |   | 2 | 3 |

HEMATOPOIETIC SYSTEM

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Myelofibrosis                 |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + | + |   |   |   |   | + |
| Lumbar, Hyperplasia, Lymphoid |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Renal, Hyperplasia, Lymphoid  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Bronchial         | + | M | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid         |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Acute           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular        | + | + | + | M | + | + | + | M | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Hyperplasia, Lymphoid         | 1 | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |
| Lymph Node, Mediastinal       | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Acute           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pigmentation                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
|                    | 0731        | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 |                      |
| Control            | 0010        | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 |                      |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression                               |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Demyelination                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Arteriole, Inflammation, Chronic Active   |   |   |   |   |   |   |   |   |   | 2 |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |
| Glial Cell, Hyperplasia                   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Meninges, Infiltration Cellular, Lymphoid |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Peripheral Nerve                          |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |
| Spinal Cord                               |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + | 2 |

**RESPIRATORY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Arteriole, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Respiratory Epithelium, Hyperplasia          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Respiratory Epithelium, Metaplasia, Squamous |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Squamous Epithelium, Hyperplasia             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lung   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Histiocyte            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Artery, Inflammation, Acute                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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: 09:59:55  
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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                              |   |
|                           |             | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 2 | 6 | 7 | 7 |                              |   |
| <b>Control</b>            |             | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 9 | 3 | 5 | 1 | 3 | 3 | <b>females<br/>(cont...)</b> |   |
|                           | ANIMAL ID   | 1 | 5 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 1 | 5 | 4 | 2 | 1 |                              |   |
|                           |             | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                              |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                              |   |
|                           |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |                              | 6 |

Retina, Atrophy

Harderian Gland  
Hyperplasia

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**URINARY SYSTEM**

Kidney  
Infarct  
Metaplasia, Osseous  
Nephropathy

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| 1 | 1 | 1 |   |   |   | 2 |   | 1 | 1 | 1 | 3 |   | 1 | 1 | 1 |   | 2 |   | 1 |   |   |   | 1 | 1 |

Urinary Bladder  
Hyperplasia, Lymphoid  
Artery, Inflammation, Chronic Active

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE                                 | DAY ON TEST |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | * TOTALS |          |          |          |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 07<br>25    | 07<br>23 | 07<br>31 | 05<br>51 | 05<br>76 | 07<br>32 | 07<br>32 | 07<br>22 | 07<br>22 | 07<br>16 | 07<br>31 | 07<br>32 | 07<br>33 | 07<br>33 | 07<br>33 | 07<br>33 | 07<br>11 | 06<br>44 | 07<br>72 | 07<br>73 |          | 06<br>77 | 07<br>33 |          |
| Control  | ANIMAL ID   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|  | 00<br>11    | 00<br>11 | 00<br>33 | 00<br>00 | 00<br>11 | 00<br>11 | 00<br>33 | 00<br>33 | 00<br>44 | 00<br>44 | 00<br>44 | 00<br>44 | 00<br>44 | 00<br>44 | 00<br>44 | 00<br>55 | 00<br>55 | 00<br>55 | 00<br>55 | 00<br>55 | 00<br>55 | 00<br>55 | 00<br>55 | 00<br>55 |
| Artery, Inflammation, Chronic Active               | 3           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 2 3.0    |          |          |          |
| Pancreas   | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
| Salivary Glands                                    | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
| Stomach, Forestomach<br>Hyperkeratosis             | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
| Stomach, Glandular<br>Inflammation, Chronic Active | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
| Mineralization                                     | 1           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 1 1.0    |          |          |          |
|  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 2 1.0    |          |          |          |
| <b>CARDIOVASCULAR SYSTEM</b>                       |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Blood Vessel<br>Inflammation, Chronic Active       | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
| Heart<br>Cardiomyopathy                            | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
| Necrosis, Acute                                    |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 11 1.0   |          |          |          |
| Artery, Inflammation, Chronic Active               |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 1 3.0    |          |          |          |
| Valve, Inflammation, Chronic Active                | 1           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 10 1.2   |          |          |          |
|  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 1 1.0    |          |          |          |
| <b>ENDOCRINE SYSTEM</b>                            |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Adrenal Cortex<br>Zona Fasciculata, Hypertrophy    | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
|  | 1           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 12 1.3   |          |          |          |
| Adrenal Medulla<br>Hyperplasia                     | +           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 50       |          |          |          |
|  | 1           |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 9 1.3    |          |          |          |

\* .. 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: 09:59:55  
 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |   | 0 | 0  |                             |            |
| 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  |                             |            |
| Islets, Pancreatic<br>Hyperplasia, Adenomatous   | 7           | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 7        | 7 | 6 | 7  | 50                          | 2.0        |
| Parathyroid Gland<br>Cyst<br>Hypertrophy   | 2           | 3 | 3 | 5 | 7 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 2 | 7 | 3        | 3 | 7 | 3  | 27                          | 1.0<br>3.0 |
| Pituitary Gland<br>Pars Distalis, Cyst<br>Pars Distalis, Hyperplasia   | 5           | 1 | 1 | 1 | 6 | 2 | 2 | 2 | 6 | 1 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1        | 1 | 7 | 3  | 49                          | 1.5<br>1.1 |
| Thyroid Gland<br>Follicular Cell, Hyperplasia  | 8           | 9 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 1 | 2 | 3 | 4 | 5 | 5 | 5        | 5 | 6 | 9  | 48                          | 1.0        |
| <b>GENERAL BODY SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |   |    |                             |            |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |   |    |                             |            |
| <b>GENITAL SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |   |    |                             |            |
| Clitoral Gland<br>Inflammation, Chronic Active   | +           | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | + | 48 | 1.0                         |            |
| Ovary<br>Angiectasis<br>Inflammation, Acute<br>Inflammation, Chronic Active<br>Bursa, Cyst<br>Follicle, Cyst | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | + | 50 | 4.0<br>4.0<br>4.0<br>1<br>7 |            |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:  
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate  
 I .. Insufficient tissue BLANK .. Not examined microscopically 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  
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 Time Report Requested: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>Control   | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS            |   |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------|---|
|   |             | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 7 |                     | 7 |
| ANIMAL ID   |             | 2 | 3 | 3 | 5 | 7 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 7                   | 3 |
|   |             | 5 | 1 | 1 | 1 | 6 | 2 | 2 | 2 | 6 | 1 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 7                   | 2 |
|   |             | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1                   |   |
|   |             | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6                   |   |
|   |             | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9                   |   |
| Medullary Sinuses, Dilatation   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 3.0               |   |
| Lymph Node, Mesenteric<br>Inflammation, Chronic                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50<br>1 2.0         |   |
| Spleen  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50                  |   |
| Hematopoietic Cell Proliferation<br>Hyperplasia, Lymphoid             |             | 3 |   |   | 2 | 1 | 1 |   |   |   |   |   |   | 1 |   | 1 |   |   |   | 3 | 3 | 3 |   | 2 | 17 2.0<br>16 1.6    |   |
| Thymus  |             | + | + | + | + | + | + | + | I | + | + | + | + | M | + | I | + | + | + | + | + | + | + | + | 47                  |   |
| Angiectasis   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0               |   |
| Depletion Cellular  |             | 4 |   |   | 2 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   | 2 | 2 | 2 | 1 | 1 | 9 1.9               |   |
| Inflammation, Chronic Active  |             |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0               |   |
| Medulla, Hyperplasia, Lymphoid  |             |   |   |   |   |   |   |   | 1 | 1 | 1 | 1 |   |   |   |   |   | 1 |   |   |   |   |   | 1 | 13 1.2              |   |
| <b>INTEGUMENTARY SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                     |   |
| Mammary Gland<br>Hypertrophy  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50<br>1 1.0         |   |
| Skin<br>Inflammation, Chronic Active                                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50<br>2 3.5         |   |
| <b>MUSCULOSKELETAL SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                     |   |
| Bone  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50                  |   |
| Femur, Fibro-Osseous Lesion   |             | 3 | 2 |   | 1 |   | 1 | 1 |   |   |   |   | 2 |   | 2 | 2 |   | 2 |   |   |   |   |   |   | 21 1.8              |   |
| Skeletal Muscle<br>Hemorrhage<br>Artery, Inflammation, Chronic Active |             |   |   |   |   | + |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   | 4<br>1 3.0<br>1 3.0 |   |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | * TOTALS |     |
|--------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|
|                    | 075         | 073 | 071 | 055 | 057 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 066 | 077 | 077 | 077 | 077 | 066 | 044 | 077 | 077 |          | 066 |
| Control            | 00          | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00  | 00       | 00  |
|                    | 01          | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01  | 01       | 01  |
|                    | 02          | 02  | 03  | 03  | 03  | 03  | 03  | 04  | 04  | 04  | 04  | 04  | 04  | 04  | 04  | 04  | 04  | 05  | 05  | 05  | 05  | 05  | 05  | 05  | 05       | 06  |
|                    | 08          | 09  | 03  | 04  | 07  | 08  | 09  | 00  | 01  | 02  | 03  | 04  | 05  | 06  | 07  | 09  | 01  | 02  | 03  | 04  | 05  | 06  | 08  | 09  | 00       | 00  |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Brain                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50    |
| Compression                               |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.5 |
| Demyelination                             |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
| Arteriole, Inflammation, Chronic Active   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.5 |
| Glial Cell, Hyperplasia                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Meninges, Infiltration Cellular, Lymphoid |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Peripheral Nerve                          |   |   |   |   | + |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3     |
| Spinal Cord                               |   |   |   |   |   | + |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4     |
| Hemorrhage                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |

**RESPIRATORY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Larynx                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50    |
| Inflammation, Chronic Active                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   | 4 1.5 |
| Arteriole, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
| Respiratory Epithelium, Hyperplasia          |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 1.0 |
| Respiratory Epithelium, Metaplasia, Squamous |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 1.0 |
| Squamous Epithelium, Hyperplasia             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   | 4 1.3 |
| Lung   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50    |
| Infiltration Cellular, Histiocyte            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Infiltration Cellular, Lymphocyte            |   |   |   |   |   | 1 |   | 1 | 1 |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   | 7 1.1 |
| Inflammation, Chronic Active                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Thrombosis                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   | 1 2.0 |
| Alveolar Epithelium, Hyperplasia             |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Artery, 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE                                    | DAY ON TEST |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | * TOTALS     |           |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|-----------|
|   | 07<br>25    | 07<br>23 | 07<br>31 | 05<br>11 | 05<br>17 | 05<br>23 | 07<br>29 | 07<br>35 | 07<br>01 | 07<br>07 | 07<br>13 | 07<br>19 | 07<br>25 | 07<br>31 | 06<br>06 | 07<br>12 | 07<br>18 | 07<br>24 | 07<br>30 | 06<br>05 | 07<br>11 | 07<br>17 | 07<br>23 | 07<br>29 |              |           |
| <b>Control</b>  | 00          | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00       | 00           |           |
|   | 01          | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01       | 01           |           |
|   | 02          | 02       | 03       | 03       | 03       | 03       | 03       | 04       | 04       | 04       | 04       | 04       | 04       | 04       | 04       | 04       | 04       | 05       | 05       | 05       | 05       | 05       | 05       | 05       | 06           |           |
|   | 08          | 09       | 03       | 04       | 07       | 08       | 09       | 00       | 01       | 02       | 03       | 04       | 05       | 06       | 07       | 09       | 01       | 02       | 03       | 04       | 05       | 06       | 08       | 09       | 00           |           |
|   |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Bronchiole, Epithelium, Hyperplasia                   |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1.0</b> |           |
| Mediastinum, Inflammation, Acute                      |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>3</b>     |           |
| Pleura, Fibrosis                                      |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Pleura, Inflammation                                  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>2</b>     |           |
|   |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1</b>   |           |
|   |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>4 1.3</b> |           |
| Nose  | +           | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +            | <b>50</b> |
| Foreign Body  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Artery, Inflammation, Chronic Active                  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1.0</b> |           |
| Glands, Olfactory Epithelium, Dilatation              |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Lumen, Hyperkeratosis                                 |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>2</b>     |           |
| Olfactory Epithelium, Accumulation, Hyaline Droplet   |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Olfactory Epithelium, Necrosis                        |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1</b>   |           |
| Respiratory Epithelium, Accumulation, Hyaline Droplet |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Respiratory Epithelium, Inflammation, Acute           |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Respiratory Epithelium, Inflammation, Chronic Active  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>2</b>     |           |
| Respiratory Epithelium, Necrosis                      |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1</b>   |           |
| Turbinates, Inflammation, Suppurative                 |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1</b>   |           |
| Vomeroneasal Organ, Necrosis                          |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1 1</b>   |           |
| Trachea   | +           | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +        | +            | <b>50</b> |
| Inflammation, Chronic Active                          |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Artery, Inflammation, Chronic Active                  |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>1</b>     |           |
| Glands, Metaplasia, Cartilagenous                     |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | <b>2</b>     |           |

**SPECIAL SENSES SYSTEM**

|          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |           |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|-----------|
| Eye      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | <b>49</b> |
| Cataract |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>     |           |
|          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</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  
 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>Control            | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS      |   |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---|
|  | ANIMAL ID   | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 |               | 7 |
|  |             | 2 | 3 | 3 | 5 | 7 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 7 | 3             |   |
|  |             | 5 | 1 | 1 | 1 | 6 | 2 | 2 | 2 | 6 | 1 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 7 | 2             |   |
|  |             | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1             |   |
|  |             | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6             |   |
|  |             | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0             |   |
|  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>      |   |
| Retina, Atrophy                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |   |
|  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>49</b>     |   |
| Harderian Gland<br>Hyperplasia           |             |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.0</b>  |   |
| <b>URINARY SYSTEM</b>                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |   |
|  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b>     |   |
| Kidney<br>Infarct                        |             |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |   |
| Metaplasia, Osseous                      |             |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |   |
| Nephropathy                              |             | 1 | 1 |   |   | 1 | 1 | 1 | 1 | 2 |   | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |   | 2 | 1 | 1 | <b>35 1.2</b> |   |
|  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b>     |   |
| Urinary Bladder<br>Hyperplasia, Lymphoid |             |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |   |
| Artery, Inflammation, Chronic Active     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |   |

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

|   |             |                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|-------------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b><br><br><b>3 mg/m3</b> | DAY ON TEST | 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 |   |
|   |             | 6                        | 6 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 6 | 6 | 6 |   |
|   |             | 6                        | 7 | 3 | 3 | 9 | 4 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 1 | 1 | 3 | 0 | 0 | 0 | 0 |
|   |             | 0                        | 1 | 1 | 1 | 0 | 5 | 1 | 1 | 9 | 2 | 9 | 2 | 2 | 7 | 5 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 2 | 1 | 6 | 6 | 6 | 6 |
|   | ANIMAL ID   | 0                        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 0                        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   |             | 0                        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|   |             | 1                        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | <b>females (cont...)</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder Inflammation, Chronic                   | + | A | + | + | + | A | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | A | + | + |   |   |   |
| Intestine Large, Cecum Inflammation, Chronic Active | + | A | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                              | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                             | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |   |   |
| Intestine Small, Duodenum                           | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum                              | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |   |   |
| Intestine Small, Jejunum Inflammation               | + | A | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + |   |   |
| Liver Angiectasis                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Clear Cell Focus                                    |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |
| Eosinophilic Focus                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Fatty Change  |   |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active                        |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mineralization                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |
| Tension Lipidosis                                   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Thrombosis  |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | ANIMAL ID             | females<br>(cont...)  |                       |                       |                       |  |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
|                    | 0<br>6<br>6<br>0      | 0<br>6<br>7<br>1      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>5<br>9<br>0      | 0<br>6<br>4<br>5      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>7<br>1<br>9      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>6<br>6<br>7      | 0<br>6<br>6<br>5      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>2      | 0<br>5<br>3<br>9      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>1      | 0<br>5<br>3<br>1      |                       |                       | 0<br>7<br>1<br>3      | 0<br>7<br>3<br>1      | 0<br>6<br>0<br>6      |  |
| 3 mg/m3            | 0<br>0<br>3<br>0<br>1 | 0<br>0<br>3<br>0<br>2 | 0<br>0<br>3<br>0<br>3 | 0<br>0<br>3<br>0<br>4 | 0<br>0<br>3<br>0<br>5 | 0<br>0<br>3<br>0<br>6 | 0<br>0<br>3<br>0<br>7 | 0<br>0<br>3<br>0<br>8 | 0<br>0<br>3<br>1<br>0 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>1<br>1 | 0<br>0<br>3<br>2<br>0 | 0<br>0<br>3<br>2<br>1 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>4 | 0<br>0<br>3<br>2<br>5 | 0<br>0<br>3<br>2<br>6 | 0<br>0<br>3<br>2<br>7 |  |

Inflammation, Chronic Active

**CARDIOVASCULAR SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel Mineralization              | + | + | + | + |   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy                           |   |   |   |   |   | 1 |   | 1 | 1 |   |   |   | 2 |   |   |   |   | 2 |   | 1 |   |   |   |   |   |   |   | 2 |
| Thrombosis                               |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Artery, Inflammation, Chronic Active     | 1 |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |
| Artery, Mineralization                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epicardium, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Myocardium, Inflammation, Acute          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Myocardium, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Myocardium, Necrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Valve, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ENDOCRINE SYSTEM**

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zona Fasciculata, Hypertrophy |   | 1 |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   | 1 |   | 1 | 1 |   |   |   |   | 1 |   |   |
| Adrenal Medulla               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic            | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland             | M | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | M | + | + | M | + |   |   | + |
| Pituitary Gland               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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 I .. Insufficient 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>3 mg/m3  | DAY ON TEST | 0<br>6 6 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | females<br>(cont...) |
|--|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|
|  |             | 6 6 7 3 3 9 4 3 3 1 3 1 3 3 7 3 3 3 5 3 3 3 3<br>0 1 1 1 0 5 1 1 9 2 9 2 2 7 5 1 2 9 2 2 1 2 1 3 1 6  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|  | ANIMAL ID   | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|  |             | 3<br>0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2<br>1 2 3 4 5 6 7 8 0 1 2 3 4 5 6 8 9 0 1 2 3 4 5 6 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Pars Distalis, Cyst  |             | 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Pars Distalis, Hyperplasia   |             | 1 2 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Thyroid Gland  |             | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| <b>GENERAL BODY SYSTEM</b>   |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| NONE   |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| <b>GENITAL SYSTEM</b>  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Clitoral Gland<br>Inflammation, Chronic Active   |             | + + + + M + + + + + + + + M + + + + + M + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Ovary<br>Bursa, Cyst<br>Follicle, Cyst   |             | + + + + + + + + + + X + + + + + + + + + + + + + +<br>X X  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Uterus<br>Inflammation, Chronic Active<br>Endometrium, Hyperplasia, Cystic<br>Serosa, Cyst |             | +<br>2 1 2 2 2 1 2 3 1 2 2 2 2 3 3 3 1 4 3 1 2 3 2<br>2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| <b>HEMATOPOIETIC SYSTEM</b>  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Bone Marrow<br>Hyperplasia   |             | +<br>1 1 1  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| Lymph Node<br>Iliac, Angiectasis<br>Renal, Angiectasis                                     |             | + + + + + + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>3 mg/m3        | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
|                                      | 0660        | 0676 | 0733 | 0733 | 0594 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0666 | 0666 | 0666 | 0773 | 0773 | 0575 | 0773 | 0773 | 0575 |           |                      | 0773 |
|                                      | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         | 0                    | 0    |
|                                      | 6           | 6    | 7    | 7    | 5    | 6    | 7    | 7    | 7    | 7    | 7    | 6    | 6    | 6    | 7    | 7    | 5    | 7    | 7    | 7    | 5         | 7                    | 6    |
|                                      | 6           | 7    | 3    | 3    | 9    | 4    | 3    | 3    | 1    | 3    | 1    | 3    | 3    | 7    | 3    | 3    | 5    | 3    | 3    | 3    | 1         | 1                    | 3    |
|                                      | 0           | 1    | 1    | 1    | 0    | 5    | 1    | 1    | 9    | 2    | 9    | 2    | 2    | 7    | 5    | 1    | 2    | 9    | 2    | 1    | 2         | 0                    | 6    |
|                                      | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         | 0                    | 0    |
|                                      | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 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    | 3    | 3    | 3    | 3    | 3    | 3    | 3         | 3                    | 3    |
|                                      | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2         | 2                    | 2    |
|                                      | 1           | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 8    | 9    | 0    | 1    | 2    | 3         | 4                    | 5    |
| Lymph Node, Bronchial                | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    |      |
| Foreign Body                         | X           | X    | X    | X    |      | X    |      | X    | X    |      | X    | X    | X    |      | X    |      | X    | X    | X    | X    |           | X                    |      |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Infiltration Cellular, Histiocyte    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Lymph Node, Mandibular               | M           | +    | +    | M    | +    | M    | M    | +    | +    | +    | M    | +    | +    | M    | +    | +    | M    | +    | +    | M    | M         | +                    |      |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Foreign Body                         |             |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      | X    |      |      |      |           |                      |      |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |           |                      |      |
| Lymph Node, Mediastinal              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | I                    |      |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Foreign Body                         |             |      |      | X    |      | X    |      |      | X    | X    |      | X    |      |      |      | X    | X    |      | X    | X    | X         |                      |      |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Infiltration Cellular, Histiocyte    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Artery, Inflammation, Chronic Active |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Lymph Node, Mesenteric               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    |      |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Infiltration Cellular, Mixed Cell    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Infiltration Cellular, Plasma Cell   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Spleen                               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    |      |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Hematopoietic Cell Proliferation     | 3           |      | 3    |      | 2    | 2    | 1    |      |      |      | 1    |      | 2    |      |      | 2    |      |      |      |      |           | 3                    |      |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Inflammation, Chronic Active         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Necrosis                             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>3 mg/m3                                  | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |      |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|
|  | 0660        | 0667 | 0673 | 0673 | 0675 | 0667 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0666 | 0666 | 0666 | 0677 | 0677 | 0675 | 0677 | 0677 |           |                      | 0675 | 0677 |
| Thymus   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    |
| Angiectasis  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| Depletion Cellular   | 4           |      |      |      |      |      | 1    |      | 3    | 2    | 1    | 2    | 4    | 3    |      |      | 4    |      |      |      | 4         |                      |      |      |
| Inflammation, Chronic Active<br>Medulla, Hyperplasia, Lymphoid | 1           |      |      |      |      |      | 1    | 1    |      | 1    |      |      |      | 1    |      |      |      |      |      | 2    |           |                      | 3    |      |
| <b>INTEGUMENTARY SYSTEM</b>                                    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| Mammary Gland  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    |
| Hyperplasia  |             |      |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      | 1    |      |      |      |           |                      |      |      |
| Hypertrophy  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |           |                      | 3    |      |
| Inflammation, Chronic Active                                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |           |                      | 1    |      |
| Skin   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    |
| Inflammation, Chronic Active                                   |             |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| <b>MUSCULOSKELETAL SYSTEM</b>                                  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| Bone   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    |
| Femur, Fibro-Osseous Lesion                                    |             |      | 1    |      |      | 1    |      | 2    |      |      | 2    |      |      | 2    |      | 1    |      |      |      | 2    |           | 2                    |      |      |
| Maxilla, Fibro-Osseous Lesion                                  |             |      |      |      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| Skeletal Muscle  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| <b>NERVOUS SYSTEM</b>  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| Brain  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    |
| Compression  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |
| Thrombosis   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      | 2    |      |
| Meninges, Infiltration Cellular, Lymphoid                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically                      M .. Missing tissue    1-4 .. Lesion qualified as:  
 X .. Lesion present    A .. Autolysis precludes evaluation    1) Minimal    3) Moderate  
 I .. Insufficient tissue    BLANK .. Not examined microscopically    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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
|                    | 0660        | 0676 | 0733 | 0733 | 0594 | 0643 | 0733 | 0733 | 0771 | 0771 | 0771 | 0771 | 0666 | 0666 | 0673 | 0733 | 0733 | 0553 | 0733 | 0733 |           |                      | 0571 |
| 3 mg/m3            | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000      | 0000                 | 0000 |
|                    | 3300        | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300      | 3300                 | 3300 |
|                    | 1234        | 5678 | 0123 | 4567 | 8901 | 2345 | 6789 | 0123 | 4567 | 8901 | 2345 | 6789 | 0123 | 4567 | 8901 | 2345 | 6789 | 0123 | 4567 | 8901 | 2345      | 6789                 | 0123 |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body  |   | X | X | X |   |   |   |   | X |   |   |   |   |   |   | X |   |   | X |   | X | X |   |
| Inflammation, Chronic Active                        |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mineralization                                      |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Artery, Inflammation, Chronic Active                |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cartilage, Mineralization                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |
| Squamous Epithelium, Hyperplasia                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Hemorrhage  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte                   | 1 | 1 | 2 |   | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 |   | 3 |   | 1 | 2 | 2 | 1 | 2 | 1 |
| Inflammation, Chronic Active                        | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| Thrombosis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia                    | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 |   | 2 | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 |
| Alveolar Epithelium, Metaplasia, Squamous           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| Alveolus, Fibrosis                                  |   |   | 1 |   |   | 1 |   | 1 |   |   |   | 1 |   |   | 1 | 2 |   |   |   |   |   |   | 1 |
| Bronchiole, Epithelium, Hyperplasia                 | 1 | 1 | 1 |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 |
| Pleura, Fibrosis                                    | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 | 2 |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   | 2 | 1 | 1 |
| Pleura, Inflammation                                | 1 | 1 | 2 |   |   | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 |   |   |   |   |   | 1 | 1 | 2 |   | 1 |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body  | X |   | X |   | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Nasolacrimal Duct, Inflammation, Chronic Active     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Olfactory Epithelium, Accumulation, Hyaline Droplet |   |   |   |   |   |   |   |   |   |   | 1 | 2 |   |   |   |   | 1 |   |   |   |   |   |   |
| Olfactory Epithelium, Atrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |

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 I .. Insufficient tissue  
 M .. Missing tissue  
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 BLANK .. Not examined microscopically  
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 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>3 mg/m3 | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |      |      |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|
|                               | 0660        | 0676 | 0733 | 0733 | 0594 | 0645 | 0731 | 0771 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0667 | 0777 | 0575 | 0777 | 0777 | 0777 |           |                      | 0575 | 0777 | 0777 |
|                               | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         | 0                    | 0    | 0    | 0    |
|                               | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 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    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3         | 3                    | 3    | 3    | 3    |
|                               | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2         | 2                    | 2    | 2    | 2    |
|                               | 1           | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 8    | 9    | 0    | 1    | 2    | 3         | 4                    | 5    | 6    | 7    |

Olfactory Epithelium, Metaplasia, Respiratory  
 Respiratory Epithelium, Accumulation, Hyaline  
 Droplet  
 Respiratory Epithelium, Inflammation, Acute  
 Respiratory Epithelium, Inflammation, Chronic  
 Active  
 Respiratory Epithelium, Metaplasia, Squamous  
 Respiratory Epithelium, Necrosis

1 1 1 1 1 1 1 1 1 2 1 1 2 1  
 1 1 1 2  
 1 2 1  
 1 1 2  
 1 1

Pleura  
 Necrosis, Fatty

Trachea  
 Foreign Body  
 Inflammation, Chronic Active  
 Cartilage, Metaplasia, Osseous  
 Epithelium, Mineralization  
 Glands, Inflammation, Acute

+  
 X X 1 1 1  
 2

SPECIAL SENSES SYSTEM

Eye  
 Cataract

+ A + + + + + + + + + + + + + + + + + + A + +  
 1 1 1

Harderian Gland

+ +

URINARY SYSTEM

Kidney  
 Infarct  
 Inflammation, Acute

+  
 1 2

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 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | ANIMAL ID |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |
|--------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
|                    |             | 0660      | 0671 | 0673 | 0675 | 0676 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 |                      |
| 3 mg/m3            |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |                      |
|                    |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 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    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |                      |
|                    |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | 2    |                      |
|                    |             | 1         | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 8    | 9    | 0    | 1    | 2    | 3    | 4    | 5    | 6    |                      |
| Mineralization     |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |
| Necrosis           |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |
| Nephropathy        |             | 3         |      | 1    |      | 2    | 1    |      | 2    |      | 1    |      |      | 2    | 1    |      |      |      |      |      | 1    | 1    | 1    |      |      |                      |
| Urinary Bladder    |             | +         | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |                      |

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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

CAS Number: 1309-64-4

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Lab: BNW

| B6C3F1 MICE FEMALE<br>3 mg/m3        | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                                      | 0732        | 0731 | 0763 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 |          |
| ANIMAL ID                            | 0032        | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033     |
| Centrilobular, Fatty Change          | 2           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1 2.0    |
| Mesentery                            |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 12       |
| Cyst                                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |
| Necrosis, Fatty                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Pancreas                             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 50       |
| Atrophy                              |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 4        |
| Hypertrophy                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 3        |
| Artery, Inflammation, Chronic Active |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Duct, Cyst                           |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 3        |
| Salivary Glands                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 50       |
| Inflammation, Acute                  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |
| Stomach, Forestomach                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 50       |
| Inflammation, Chronic Active         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Mineralization                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Stomach, Glandular                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 49       |
| Inflammation, Chronic Active         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Mineralization                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Necrosis                             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Tongue                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Hyperkeratosis                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 3        |
| Inflammation, Chronic Active         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 3        |
| Ulcer                                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |
| Tooth                                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |
| Dysplasia                            |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 4        |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

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

Inflammation, Chronic Active 3 1 3.0

**CARDIOVASCULAR SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           |               |  |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|---------------|--|
| Blood Vessel                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b> |           |               |  |
| Mineralization                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           | 4         | <b>1 4.0</b>  |  |
| Heart                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>50</b> |               |  |
| Cardiomyopathy                           |   |   |   | 2 |   |   |   |   |   |   | 1 | 1 |   |   | 1 |   | 1 | 1 |   |   |   |   |   |   |   |   |           |           | <b>13 1.3</b> |  |
| Thrombosis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>2 1.5</b>  |  |
| Artery, Inflammation, Chronic Active     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           | 1         | <b>4 1.3</b>  |  |
| Artery, Mineralization                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 4.0</b>  |  |
| Epicardium, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>2 1.0</b>  |  |
| Myocardium, Inflammation, Acute          |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>2 2.0</b>  |  |
| Myocardium, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 1.0</b>  |  |
| Myocardium, Necrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 2.0</b>  |  |
| Valve, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 4.0</b>  |  |

**ENDOCRINE SYSTEM**

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           |               |  |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|---------------|--|
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |           |               |  |
| Zona Fasciculata, Hypertrophy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           | 1 1 1     | <b>16 1.1</b> |  |
| Adrenal Medulla               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |           |               |  |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           | 2 1       | <b>8 1.1</b>  |  |
| Islets, Pancreatic            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>49</b> |           |               |  |
| Parathyroid Gland             | + | + | + | M | + | M | + | + | + | M | + | + | + | I | + | M | + | + | M | + | M | M | + | M | M | + | M | <b>33</b> |           |               |  |
| Pituitary Gland               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>50</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  
 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: 09:59:55  
 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                    |             | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 |          |
| 3 mg/m3            |             | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 5 | 3 | 0 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 |          |
|                    | ANIMAL ID   | 2 | 1 | 3 | 1 | 2 | 2 | 1 | 1 | 2 | 4 | 1 | 1 | 8 | 2 | 8 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 |          |
|                    |             | 0 | 0 | 0 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |          |
|                    |             | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |          |
|                    |             | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 0 |          |

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |     |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Pars Distalis, Cyst        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 1.0 |
| Pars Distalis, Hyperplasia |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 1 | 6  | 1.2 |     |
| Thyroid Gland              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |     |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Clitoral Gland                   | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 44 |     |
| Inflammation, Chronic Active     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1  | 1.0 |
| Ovary                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 49 |     |
| Bursa, Cyst                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |     |
| Follicle, Cyst                   |   |   |   |   |   | X | X |   | X | X | X | X | X | X | X |   |   |   |   |   |   | X |   | 11 |     |
| Uterus                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |
| Inflammation, Chronic Active     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 2 | 3  | 1.3 |
| Endometrium, Hyperplasia, Cystic | 2 | 1 | 1 | 1 |   | 1 | 1 |   | 2 | 1 |   | 2 | 2 | 2 | 3 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 43 | 2.1 |
| Serosa, Cyst                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |

**HEMATOPOIETIC SYSTEM**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Bone Marrow        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |
| Hyperplasia        |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 5  | 1.0 |
| Lymph Node         |   |   |   |   | + | + |   |   |   |   |   | + |   |   |   | + |   |   |   |   |   |   |   | 9  |     |
| Iliac, Angiectasis |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |
| Renal, Angiectasis |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 3  | 1.7 |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>3 mg/m3        | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |        |   |   |   |        |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--------|---|---|---|--------|
|                                      | 0732        | 0731 | 0671 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 |          | 0773   |   |   |   |        |
| ANIMAL ID                            | 0032        | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033     |        |   |   |   |        |
| Lymph Node, Bronchial                | +           | +    | +    | +    | +    | M    | +    | +    | +    | M    | +    | +    | I    | +    | +    | +    | +    | +    | +    | +    | +        | 47     |   |   |   |        |
| Foreign Body                         | X           | X    |      | X    | X    |      |      |      | X    |      |      |      |      | X    |      | X    |      | X    | X    | X    | X        | 34     |   |   |   |        |
| Hyperplasia, Lymphoid                | 1           | 2    |      | 2    |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      | 1        | 15 1.5 |   |   |   |        |
| Infiltration Cellular, Histiocyte    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      |          | 2 1.0  |   |   |   |        |
| Lymph Node, Mandibular               | M           | +    | +    | M    | M    | M    | +    | +    | +    | M    | +    | M    | +    | +    | M    | +    | +    | +    | M    | M    | M        | +      | M | + | + | 28     |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   | 1 |   | 1 1.0  |
| Foreign Body                         |             |      | X    |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      | X        |        |   |   |   | 5      |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 2.0  |
| Lymph Node, Mediastinal              | +           | +    | +    | +    | +    | +    | +    | +    | I    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +      | + | + | + | 48     |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 2.0  |
| Foreign Body                         |             | X    | X    | X    |      | X    | X    |      |      | X    | X    |      | X    | X    | X    | X    | X    |      | X    | X    | X        |        | X |   |   | 28     |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 3 2.7  |
| Infiltration Cellular, Histiocyte    |             |      | 1    |      |      |      |      |      |      |      | 2    |      |      |      | 2    |      |      |      |      |      |          | 1      |   |   |   | 6 1.3  |
| Artery, Inflammation, Chronic Active |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 1.0  |
| Lymph Node, Mesenteric               | +           | +    | +    | +    | +    | +    | +    | +    | +    | I    | +    | +    | +    | +    | +    | +    | +    | +    | +    | A    | +        | +      | + | + | + | 48     |
| Angiectasis                          |             |      |      |      |      | 2    |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |          |        |   |   |   | 2 1.5  |
| Hyperplasia, Lymphoid                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        | 1 |   |   | 2 1.5  |
| Infiltration Cellular, Mixed Cell    |             |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |          |        | 1 |   |   | 2 1.0  |
| Infiltration Cellular, Plasma Cell   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 2.0  |
| Spleen                               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +      | + | + | + | 50     |
| Angiectasis                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 1.0  |
| Hematopoietic Cell Proliferation     |             |      | 1    | 2    |      | 3    | 3    | 1    | 1    |      |      |      |      |      | 2    | 1    |      |      |      | 2    | 2        | 2      |   |   |   | 19 2.0 |
| Hyperplasia, Lymphoid                | 1           |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      | 2        |        |   | 2 |   | 6 1.3  |
| Inflammation, Chronic Active         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 2.0  |
| Necrosis                             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |        |   |   |   | 1 3.0  |

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 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |      |      |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|
|                    | 0732        | 0731 | 0671 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 |          | 0773 | 0773 |
| 3 mg/m3            | 0028        | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033     | 0033 | 50   |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Larynx  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50     |
| Foreign Body  | X | X |   | X | X | X | X |   | X |   |   | X | X | X |   | X | X |   | X | X | X | X | 25     |
| Inflammation, Chronic Active                        |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 2 |   | 3 1.3  |
| Mineralization                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0  |
| Artery, Inflammation, Chronic Active                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0  |
| Cartilage, Mineralization                           |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 2 1.5  |
| Squamous Epithelium, Hyperplasia                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 1.0  |
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50     |
| Foreign Body  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 50     |
| Hemorrhage  |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   | 1 4.0  |
| Infiltration Cellular, Lymphocyte                   | 1 | 1 | 1 | 2 |   | 2 | 1 |   |   |   |   | 1 | 1 |   | 1 |   |   | 1 | 1 | 1 | 3 |   | 37 1.5 |
| Inflammation, Chronic Active                        | 2 | 1 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 50 2.2 |
| Thrombosis  |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0  |
| Alveolar Epithelium, Hyperplasia                    | 1 | 1 |   | 1 |   | 2 | 1 | 2 | 1 |   |   | 1 |   |   | 1 | 1 |   | 1 |   |   | 2 | 1 | 36 1.2 |
| Alveolar Epithelium, Metaplasia, Squamous           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0  |
| Alveolus, Fibrosis                                  |   |   |   |   |   | 2 |   |   |   |   |   | 1 |   |   |   | 1 |   |   | 1 |   | 1 | 1 | 13 1.2 |
| Bronchiole, Epithelium, Hyperplasia                 | 1 |   |   | 1 | 1 | 1 |   | 1 | 1 |   | 2 | 1 |   |   | 1 | 1 | 1 | 1 |   |   | 1 |   | 34 1.1 |
| Pleura, Fibrosis                                    | 1 |   |   | 1 |   |   | 1 |   | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 39 1.1 |
| Pleura, Inflammation                                | 1 | 1 |   | 1 |   |   | 1 |   | 2 |   |   | 1 | 1 |   |   |   |   |   |   | 2 | 2 | 1 | 27 1.4 |
| Nose  | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 49     |
| Foreign Body  | X | X | X | X | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | 44     |
| Nasolacrimal Duct, Inflammation, Chronic Active     |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0  |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | 1 |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   | 2 |   |   | 1 |   | 1 |   |   | 9 1.2  |
| Olfactory Epithelium, Atrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE  | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |     |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-----|
|   | 0732        | 0731 | 0731 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 |          |     |
| 3 mg/m3   | 0028        | 0009 | 0003 | 0004 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 1        | 1.0 |
|   | 0033        | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 22       | 1.2 |
|   | 0022        | 0022 | 0023 | 0023 | 0023 | 0023 | 0023 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0025 | 0025 | 0025 | 0025 | 0025 | 0025 | 0025 | 0025 | 7        | 1.1 |
|   | 0038        | 0039 | 0033 | 0034 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0049 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0058 | 0059 | 3        | 1.3 |
|   | 0028        | 0029 | 0033 | 0034 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0049 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0058 | 0059 | 3        | 1.3 |
|   | 0028        | 0029 | 0033 | 0034 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0049 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0058 | 0059 | 2        | 1.0 |
| Pleura Necrosis, Fatty  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        | 1.0 |
| Trachea Foreign Body  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 50       | 7   |
| Trachea Inflammation, Chronic Active                              |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 4        | 1.0 |
| Trachea Cartilage, Metaplasia, Osseous Epithelium, Mineralization |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        | 1.0 |
| Trachea Glands, Inflammation, Acute                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        | 2.0 |
|   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        | 1.0 |
| <b>SPECIAL SENSES SYSTEM</b>                                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |     |
| Eye Cataract  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 47       | 4   |
|   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        | 1.0 |
| Harderian Gland   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 50       |     |
| <b>URINARY SYSTEM</b>   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |     |
| Kidney Infarct  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 50       | 3   |
|   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        | 2.3 |
|   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 4        | 3.0 |

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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | ANIMAL ID |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |      |       |        |
|--------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|-------|--------|
|                    |             | 0732      | 0731 | 0763 | 0773 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 |          | 0777 | 0777  |        |
| 3 mg/m3            |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0    |       |        |
|                    |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0    |       |        |
|                    |             | 3         | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3        | 3    |       |        |
|                    |             | 2         | 2    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 5    | 5    | 5    | 5    | 5        | 6    |       |        |
|                    |             | 8         | 9    | 3    | 4    | 7    | 8    | 9    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 9    | 1    | 2    | 3    | 4    | 5        | 0    |       |        |
| Mineralization     |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 3    |      |      |      |      |          |      | 1 3.0 |        |
| Necrosis           |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      | 1 2.0 |        |
| Nephropathy        |             | 2         |      | 2    | 1    | 1    | 2    | 2    | 1    | 2    |      | 1    | 1    |      | 2    | 2    | 1    |      | 1    | 1    |      | 1        | 1    | 1     | 30 1.4 |
| Urinary Bladder    |             | +         | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | 50    |        |

\* .. 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  
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 Antimony trioxide  
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Date Report Requested: 12/03/2014  
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 Lab: BNW

|                                    |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                      |
|------------------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------|
| B6C3F1 MICE FEMALE<br><br>10 mg/m3 | DAY ON TEST | 0731     | 0513     | 0773     | 0677     | 0777     | 0777     | 0777     | 0577     | 0766     | 0666     | 0777     | 0777     | 0777     | 0777     | 0777     | 0777     | 0666     | 0666     | 0555     | 0555     | 0777     | 0777     | females<br>(cont...) |
|                                    | ANIMAL ID   | 0050     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     | 0055     |                      |
|                                    |             | 12345678 | 01111111 | 02222222 | 03333333 | 04444444 | 05555555 | 06666666 | 07777777 | 08888888 | 09999999 | 10101010 | 11111111 | 12121212 | 13131313 | 14141414 | 15151515 | 16161616 | 17171717 | 18181818 | 19191919 | 20202020 | 21212121 |                      |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder Inflammation, Chronic  | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |
| Intestine Large, Cecum Inflammation, Chronic Active                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Large, Colon Necrosis  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum  | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Small, Ileum Inflammation, Chronic Active Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Small, Jejunum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Liver Angiectasis  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Clear Cell Focus   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |
| Cyst   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fatty Change   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mixed Cell Focus   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |

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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3       | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | females<br>(cont...) |  |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|--|
|                                      | 0731        | 0731  | 0732  | 0733  | 0737  | 0737  | 0737  | 0737  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  | 0738  |                      |  |
| ANIMAL ID                            | 00501       | 00502 | 00503 | 00504 | 00505 | 00506 | 00507 | 00508 | 00509 | 00510 | 00511 | 00512 | 00513 | 00514 | 00515 | 00516 | 00517 | 00518 | 00519 | 00520 | 00521 | 00522 | 00523 | 00524 |                      |  |
| Necrosis                             |             |       |       |       | 3     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Tension Lipidosis                    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Hepatocyte, Periportal, Hypertrophy  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Mesentery                            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Inflammation, Suppurative            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Necrosis, Fatty                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Lymphatic, Angiectasis               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Pancreas                             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Atrophy                              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Inflammation                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Necrosis                             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Duct, Cyst                           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Salivary Glands                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Stomach, Forestomach                 |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Stomach, Glandular                   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Inflammation, Chronic Active         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Mineralization                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Tooth                                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Dysplasia                            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |
| Peridontal Tissue, Mineralization    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |  |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

|                           |                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                              |
|---------------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST     | 0731 | 0513 | 0773 | 0673 | 0773 | 0773 | 0773 | 0573 | 0766 | 0666 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0555 | 0555 | 0777 | 0777 | <b>females<br/>(cont...)</b> |
|                           | <b>10 mg/m3</b> | 1921 | 3373 | 2132 | 1322 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 |                              |
|                           | ANIMAL ID       | 0050 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 |                              |

**CARDIOVASCULAR SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adventitia, Inflammation, Chronic Active  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Media, Inflammation, Chronic Active       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Media, Mineralization                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Heart                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Artery, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epicardium, Inflammation, Chronic Active  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epicardium, Myocardium, Necrosis          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Myocardium, Inflammation, Acute           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pericardium, Hyperplasia, Lymphoid        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pericardium, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Valve, Inflammation, Chronic Active       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ENDOCRINE SYSTEM**

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Necrosis                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Zona Fasciculata, Hypertrophy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Zona Fasciculata, Necrosis    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. 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:** 09:59:55  
**First Dose M/F:** 10/06/08 / 10/06/08  
**Lab:** BNW

| B6C3F1 MICE FEMALE                   | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID        | females<br>(cont...) |                  |                  |                  |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|------------------|------------------|------------------|
|                                      | 0<br>7<br>3<br>1 | 0<br>5<br>1<br>9 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>1 | 0<br>6<br>7<br>3 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>1 | 0<br>5<br>8<br>9 | 0<br>7<br>3<br>2 | 0<br>6<br>8<br>5 | 0<br>6<br>0<br>0 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>1 | 0<br>6<br>8<br>4 | 0<br>6<br>2<br>4 | 0<br>5<br>8<br>9 |                  |                      | 0<br>5<br>2<br>6 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 |
| 10 mg/m3                             | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>0 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>1 | 0<br>0<br>5<br>2 | 0<br>0<br>5<br>2 | 0<br>0<br>5<br>2 | 0<br>0<br>5<br>2 | 0<br>0<br>5<br>2     | 0<br>0<br>5<br>2 | 0<br>0<br>5<br>2 |                  |
| Parathyroid Gland                    | +                | M                | +                | +                | +                | M                | +                | M                | M                | +                | M                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | M                | +                |
| Pituitary Gland                      | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                |
| Pars Distalis, Angiectasis           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Pars Distalis, Hyperplasia           |                  |                  |                  |                  |                  | 2                |                  |                  |                  |                  |                  |                  | 1                | 1                |                  | 1                |                  |                  |                  |                  |                  |                      | 1                | 1                |                  |
| Pars Nervosa, Thrombosis             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Thyroid Gland                        | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                |
| Inflammation, Chronic Active         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| <b>GENERAL BODY SYSTEM</b>           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Peritoneum                           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Inflammation, Suppurative            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| <b>GENITAL SYSTEM</b>                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Clitoral Gland                       | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                |
| Ovary                                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                |
| Angiectasis                          |                  |                  |                  |                  | 4                |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Cyst                                 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Hemorrhage                           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Inflammation, Acute                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Inflammation, Chronic Active         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Artery, Inflammation, Chronic Active |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Bursa, Cyst                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |
| Follicle, Cyst                       | X                |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  | X                |                  |                  |                  | X                |                  |                  |                  | X                |                      | X                | X                |                  |
| Uterus                               | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                |
| Angiectasis                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |

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 X .. Lesion present  
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 A .. Autolysis precludes evaluation  
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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: 09:59:55

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

Lab: BNW

|                           |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0<br>7<br>3<br>1      | 0<br>5<br>1<br>9      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>1      | 0<br>6<br>7<br>3      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>5<br>8<br>9      | 0<br>7<br>3<br>2      | 0<br>6<br>8<br>5      | 0<br>6<br>0<br>0      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>1      | 0<br>6<br>8<br>4      | 0<br>6<br>2<br>4      | 0<br>5<br>8<br>9      | 0<br>5<br>2<br>6      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | <b>females<br/>(cont...)</b> |
|                           | ANIMAL ID   | 0<br>0<br>5<br>0<br>1 | 0<br>0<br>5<br>0<br>2 | 0<br>0<br>5<br>0<br>3 | 0<br>0<br>5<br>0<br>4 | 0<br>0<br>5<br>0<br>5 | 0<br>0<br>5<br>0<br>6 | 0<br>0<br>5<br>0<br>7 | 0<br>0<br>5<br>0<br>8 | 0<br>0<br>5<br>0<br>0 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>1<br>1 | 0<br>0<br>5<br>2<br>2 | 0<br>0<br>5<br>2<br>2 | 0<br>0<br>5<br>2<br>2 | 0<br>0<br>5<br>2<br>2 | 0<br>0<br>5<br>2<br>2 |                              |

Hydrometra  
 Inflammation, Chronic Active  
 Endometrium, Hyperplasia, Cystic  
 Lymphatic, Angiectasis

|  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |   |   |  |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 2 | 2 |  | 1 | 3 | 1 | 1 | 3 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 1 | 4 | 1 | 2 | 2 | 1 | 2 | 4 | 2 |

HEMATOPOIETIC SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   | 1 |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   | 1 | 1 |   |   |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node                        |   |   |   |   |   |   |   |   | + |   | + | + |   |   |   |   |   |   | + | + |   |   |   | + |
| Iliac, Angiectasis                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Iliac, Hyperplasia, Lymphoid      |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumbar, Angiectasis               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Renal, Angiectasis                |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Bronchial             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body                      | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Hyperplasia, Lymphoid             |   |   | 1 | 1 |   |   | 2 |   |   |   |   |   | 2 |   | 1 | 2 | 2 |   |   |   |   |   |   | 2 |
| Infiltration Cellular, Histiocyte |   |   | 1 | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |
| Lymph Node, Mandibular            | M | M | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + |
| Foreign Body                      |   |   |   |   |   |   | X | X |   |   |   | X |   |   |   |   |   |   |   |   | X | X |   |   |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |
| Lymph Node, Mediastinal           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body                      | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   | 2 |   |   |   | 2 |   | 2 |   |   |   |   |   |   |   |   | 1 |
| Infiltration Cellular, Histiocyte |   |   | 1 |   | 1 |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |

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

Date Report Requested: 12/03/2014  
 Time Report Requested: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3 | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | females<br>(cont...) |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
|                                | 7           | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 7 | 7 |           |                      |
|                                | 3           | 1 | 3 | 3 | 7 | 3 | 3 | 3 | 8 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 8 | 2 | 8 | 2 | 3 | 3 |           |                      |
|                                | 1           | 9 | 2 | 1 | 3 | 2 | 1 | 1 | 9 | 2 | 5 | 0 | 1 | 1 | 1 | 1 | 1 | 9 | 4 | 4 | 9 | 6 | 2 | 2 |           |                      |
|                                | 0           | 0 | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |           |                      |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |           |                      |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |           |                      |

Arteriole, Necrosis  
 Artery, Inflammation, Chronic Active

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                       |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid             |   |   |   |   | 2 |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Mixed Cell |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis, Acute                   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation |   |   |   | 3 |   | 1 | 2 |   |   |   |   |   | 1 |   |   | 2 |   |   |   | 3 |   | 2 | 1 |
| Hyperplasia, Lymphoid            |   | 2 |   | 1 |   |   | 2 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| Metaplasia, Osseous              |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |   |
| Cyst                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Depletion Cellular             | 3 |   | 2 |   | 4 | 4 | 2 |   |   |   | 4 |   |   | 2 | 1 |   |   | 1 |   |   | 4 | 3 | 3 | 2 |
| Hyperplasia, Lymphoid          | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Medulla, Hyperplasia, Lymphoid |   |   | 1 | 1 | 1 |   | 2 |   | 1 | 2 |   |   |   |   |   |   |   | 2 |   |   | 1 |   | 2 |   |

**INTEGUMENTARY SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Dilatation      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |
| Hypertrophy     |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis, Acute |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. 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:** 09:59:55  
**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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |
|                           |             | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 7 | 7 | 7 | 7                            | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 7 | 7 | 7 | 7 | 7 |   |   |   |   |   |   |
|                           |             | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 3 | 8 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 8 | 2 | 8 | 2 | 3 | 3 | 3 | 3                            | 3 | 0 | 8 | 2 | 8 | 2 | 6 | 2 | 3 | 3 | 3 | 3 | 3 |   |   |   |   |   |
| <b>10 mg/m3</b>           | ANIMAL ID   | 1 | 9 | 2 | 1 | 3 | 2 | 1 | 1 | 9 | 2 | 5 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 4 | 4 | 9 | 6 | 2 | 2 | 1 | 1                            | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |   |   |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
|                           |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5                            | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |   |   |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2                            | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |   |   |
|                           |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0                            | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females<br/>(cont...)</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Inflammation, Chronic Active

**MUSCULOSKELETAL SYSTEM**

|                               |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone                          | + | + | + | + | + | + |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperostosis                  |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Femur, Fibro-Osseous Lesion   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Maxilla, Fibro-Osseous Lesion |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skeletal Muscle               | + |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Arteriole, Inflammation, Chronic Active     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Meninges, Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Meninges, Infiltration Cellular, Lymphoid   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Peripheral Nerve                            | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sciatic, Degeneration                       | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spinal Cord                                 | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body                 | X | X | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br><br>10 mg/m3   | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |      |      |  |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|--|
|  | 0731        | 0751 | 0772 | 0773 | 0767 | 0777 | 0777 | 0777 | 0755 | 0776 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0766 | 0766 | 0755 |           |                      | 0755 | 0777 | 0777 |  |
| Arteriole, Inflammation, Chronic Active<br>Respiratory Epithelium, Hyperplasia<br>Respiratory Epithelium, Metaplasia, Squamous<br>Squamous Epithelium, Hyperplasia |             |      |      |      |      |      | 1    |      |      |      |      |      |      |      | 1    |      |      |      |      |      |           |                      | 1    |      |      |  |
| Lung   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |      |      |  |
| Foreign Body   | X           | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X         | X                    | X    |      |      |  |
| Infiltration Cellular, Lymphocyte  |             | 2    | 3    | 2    | 2    |      | 3    |      | 1    |      |      | 2    | 4    | 3    |      | 3    | 3    | 2    | 2    |      | 2         | 2                    | 2    |      |      |  |
| Inflammation, Chronic Active   | 2           | 4    | 4    | 4    | 3    | 3    | 3    | 4    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 3    | 3    | 4    | 3    | 3    | 2         | 3                    | 4    | 3    | 4    |  |
| Alveolar Epithelium, Hyperplasia   | 1           | 2    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1    | 1    | 2    | 1    | 1    | 2    | 2    | 1    |      | 1         | 2                    | 2    | 2    | 2    |  |
| Alveolus, Fibrosis   |             | 2    | 1    |      | 1    | 1    | 1    | 1    | 1    |      |      |      |      | 3    |      |      | 2    | 1    |      |      | 1         |                      | 2    | 1    |      |  |
| Alveolus, Metaplasia, Squamous   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |      |  |
| Bronchiole, Epithelium, Hyperplasia  |             | 1    | 1    | 2    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 1    | 1    | 1    | 1    |      | 1    | 1         | 2                    | 1    | 1    |      |  |
| Bronchiole, Epithelium, Goblet Cell, Metaplasia  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |      |  |
| Bronchus, Epithelium, Hyperplasia  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      | 3    |      |  |
| Mediastinum, Necrosis, Fatty   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |      |  |
| Pleura, Fibrosis   | 1           | 1    | 1    | 1    | 3    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 3    | 1    | 1    | 2    | 1    | 1    | 3    | 1         | 1                    | 1    | 1    |      |  |
| Pleura, Inflammation   | 1           | 2    | 2    | 2    | 2    |      | 1    | 1    | 1    | 1    |      | 1    |      | 2    |      | 2    | 2    | 2    | 1    | 2    | 2         | 1                    | 2    | 1    |      |  |
| Nose   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |      |      |  |
| Foreign Body   | X           | X    |      | X    | X    | X    | X    |      | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X         | X                    | X    |      |      |  |
| Glands, Respiratory Epithelium, Accumulation,<br>Hyaline Droplet   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      | 2    |      |      |  |
| Nasolacrimal Duct, Inflammation, Chronic<br>Active   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |      |  |
| Olfactory Epithelium, Accumulation, Hyaline<br>Droplet   | 1           |      | 1    |      | 1    |      |      | 1    |      | 1    |      |      |      |      |      |      |      | 1    |      |      |           |                      | 4    |      |      |  |
| Olfactory Epithelium, Atrophy  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      | 1    |      |      |  |
| Olfactory Epithelium, Metaplasia, Respiratory  |             |      |      |      |      |      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |           |                      |      |      |      |  |
| Respiratory Epithelium, Accumulation, Hyaline<br>Droplet   | 3           |      | 1    | 1    | 2    |      |      |      | 1    | 1    | 1    | 1    | 1    |      |      |      | 1    | 1    |      |      | 1         | 2                    | 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  
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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: 09:59:55  
 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 | 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 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           | ANIMAL ID   | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 7 | 7 | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 3 | 8 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 8 | 2 | 4 | 8 | 2 | 3 | 3 |   |   |   |   |   |   |
| <b>10 mg/m3</b>           |             | 1 | 9 | 2 | 1 | 3 | 2 | 1 | 1 | 9 | 2 | 5 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 4 | 4 | 9 | 6 | 2 | 9 | 2 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |   |   |   |   |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |   |   |   |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                           |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |   |

females  
(cont...)

Artery, Inflammation, Chronic Active

\* .. 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  
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 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3                                 | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |        |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
|  | 054         | 073   | 063   | 042   | 044   | 072   | 051   | 053   | 052   | 071   | 073   | 059   | 043   | 064   | 077   | 065   | 073   | 073   | 073   | 073   |          | 073    |
| ANIMAL ID  | 00528       | 00552 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553    |        |
| Necrosis Tension Lipidosis Hepatocyte, Periportal, Hypertrophy | 2           |       |       | 1     |       |       |       | 2     |       | 2     | 2     |       |       |       |       |       |       |       |       |       | 1        | 5 1.8  |
| Mesentery Inflammation, Suppurative                            | +           | +     |       | +     | +     | +     | +     | +     | +     |       |       | +     |       |       | +     |       |       |       |       |       |          | 16     |
| Necrosis, Fatty  |             | 1     |       |       | 2     | 2     | 3     |       | 2     |       |       |       |       | 4     |       | 4     |       |       |       |       |          | 11 2.1 |
| Artery, Inflammation, Chronic Active Lymphatic, Angiectasis    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3     |          | 2 4.0  |
| Pancreas Atrophy   | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50     |
| Inflammation   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 4        | 2 4.0  |
| Necrosis   |             |       |       | 2     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 2 2.5  |
| Duct, Cyst   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3        | 1 2.0  |
| Salivary Glands Artery, Inflammation, Chronic Active           | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50     |
| Stomach, Forestomach   | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 1 4.0  |
| Stomach, Glandular Inflammation, Chronic Active                | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50     |
| Mineralization   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       | 4        | 3 2.0  |
| Artery, Inflammation, Chronic Active                           |             |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       |          | 2 1.0  |
| Tooth Dysplasia  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | +     |          | 2      |
| Peridontal Tissue, Mineralization                              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3     |          | 1 3.0  |

\* .. 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  
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Experiment Number: 20601 - 04  
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 Route: RESPIRATORY EXPOSURE WHOLE BODY  
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 CAS Number: 1309-64-4

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

**CARDIOVASCULAR SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |     |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Blood Vessel                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |     |     |
| Inflammation, Chronic Active              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 3.0 |     |
| Thrombosis                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |     |
| Adventitia, Inflammation, Chronic Active  |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 1.0 |     |
| Media, Inflammation, Chronic Active       |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1.0 |     |
| Media, Mineralization                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 3.0 |     |
| Heart                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |     |
| Cardiomyopathy                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 6   | 1.3 |
| Artery, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 11  | 1.3 |
| Epicardium, Inflammation, Chronic Active  |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 7   | 1.4 |
| Epicardium, Myocardium, Necrosis          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 1.0 |
| Myocardium, Inflammation, Acute           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 2.0 |
| Pericardium, Hyperplasia, Lymphoid        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2   | 1.0 |
| Pericardium, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 2.0 |
| Valve, Inflammation, Chronic Active       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 1.0 |

**ENDOCRINE SYSTEM**

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |     |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |    |     |
| Necrosis                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 2.0 |
| Zona Fasciculata, Hypertrophy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 11 | 1.1 |
| Zona Fasciculata, Necrosis    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 1.0 |
| Adrenal Medulla               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |    |     |
| Hyperplasia                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 9  | 1.2 |
| Islets, Pancreatic            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |    |     |

\* .. 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3       | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |     |    |        |  |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-----|----|--------|--|
|                                      | 054         | 073   | 063   | 042   | 044   | 072   | 051   | 053   | 052   | 071   | 073   | 059   | 043   | 065   | 073   | 073   | 077   | 073   | 077   | 073   |          | 071   | 073 |    |        |  |
| ANIMAL ID                            | 00528       | 00552 | 00553 | 00553 | 00553 | 00553 | 00553 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00555 | 00555 | 00555 | 00555 | 00555    | 00556 |     |    |        |  |
| Parathyroid Gland                    | +           | +     | +     | +     | M     | +     | M     | M     | +     | M     | +     | M     | +     | +     | +     | +     | +     | +     | M     | M     | M        | M     | +   | +  | 34     |  |
| Pituitary Gland                      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +   | +  | 50     |  |
| Pars Distalis, Angiectasis           |             |       |       |       |       |       | 2     |       |       |       |       |       |       | 1     |       |       |       |       |       |       |          |       | 1   |    | 1 2.0  |  |
| Pars Distalis, Hyperplasia           |             |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1     |     |    | 10 1.1 |  |
| Pars Nervosa, Thrombosis             |             |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 1.0  |  |
| Thyroid Gland                        | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +   | 50 |        |  |
| Inflammation, Chronic Active         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 2.0  |  |
| <b>GENERAL BODY SYSTEM</b>           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    |        |  |
| Peritoneum                           |             |       |       |       | +     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1      |  |
| Inflammation, Suppurative            |             |       |       |       | 3     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 3.0  |  |
| <b>GENITAL SYSTEM</b>                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    |        |  |
| Clitoral Gland                       | +           | +     | +     | M     | +     | +     | +     | +     | M     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +   | +  | 47     |  |
| Ovary                                | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +   | +  | 50     |  |
| Angiectasis                          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 2 2.5  |  |
| Cyst                                 |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 3.0  |  |
| Hemorrhage                           |             |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       |       |       |       |       |       |          |       |     |    | 1 2.0  |  |
| Inflammation, Acute                  |             |       |       |       | 3     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 3.0  |  |
| Inflammation, Chronic Active         |             |       |       |       |       | 3     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 3.0  |  |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       | 2     |       |       |       |       |       |       |       |       |       |          |       |     |    | 1 2.0  |  |
| Bursa, Cyst                          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | X   |    | 1      |  |
| Follicle, Cyst                       |             |       | X     |       |       |       |       |       |       |       |       | X     |       | X     | X     |       | X     | X     | X     |       |          |       |     |    | 13     |  |
| Uterus                               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +   | 50 |        |  |
| Angiectasis                          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |     | 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE | 10 mg/m3 | DAY ON TEST |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | * TOTALS |     |   |   |   |   |
|--------------------|----------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|---|---|---|---|
|                    |          | 054         | 073 | 063 | 042 | 040 | 072 | 051 | 053 | 052 | 073 | 073 | 059 | 049 | 065 | 073 | 073 | 073 | 073 | 073 | 073 |          | 073 |   |   |   |   |
|                    |          | 000         | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |          | 000 |   |   |   |   |
|                    |          | 8           | 9   | 3   | 4   | 7   | 8   | 9   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 9   | 1   | 2   | 3   | 4   | 5        | 6   | 7 | 8 | 9 | 0 |

|                                  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |   |     |     |
|----------------------------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|---|-----|-----|
| Hydrometra                       |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  | 1 | 2.0 |     |
| Inflammation, Chronic Active     |  |  |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |  |  |  |  |  |  |  |   | 1   | 1.0 |
| Endometrium, Hyperplasia, Cystic |  |  | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 1 | 2 | 4 | 2 | 2 |   | 1 | 3 | 1 | 2 | 2 |  |  |  |  |  |  |  |   | 44  | 1.9 |
| Lymphatic, Angiectasis           |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |  |  |  |  |  |  |  |   | 1   | 2.0 |

HEMATOPOIETIC SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |     |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Bone Marrow                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |     |
| Hyperplasia                       | 1 |   | 1 |   |   | 1 | 1 | 1 |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |    | 15  | 1.0 |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 2.0 |
| Lymph Node                        | + |   | + |   |   | + |   |   | + |   |   |   |   |   |   |   | + |   |   |   |   | + |   |   |   | + | + | 14 |     |     |
| Iliac, Angiectasis                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |    | 1   | 2.0 |
| Iliac, Hyperplasia, Lymphoid      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 2.0 |
| Lumbar, Angiectasis               |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 2.0 |
| Renal, Angiectasis                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1   | 4.0 |
| Lymph Node, Bronchial             | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |     |     |
| Foreign Body                      | X | X |   | X | X | X | X | X |   | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 46 |     |     |
| Hyperplasia, Lymphoid             |   |   | 2 |   |   | 2 |   |   |   |   | 1 | 1 |   |   |   |   | 2 | 3 |   | 2 |   | 2 |   |   |   |   | 1 | 17 | 1.7 |     |
| Infiltration Cellular, Histiocyte |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 7  | 1.0 |     |
| Lymph Node, Mandibular            | + | + | M | M | M | + | + | + | + | M | M | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 38 |     |     |
| Foreign Body                      | X |   |   |   |   |   | X | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 9  |     |     |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2   | 1.0 |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2   | 1.0 |
| Lymph Node, Mediastinal           | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |     |     |
| Foreign Body                      | X | X | X |   |   | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 45 |     |     |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   | 2 |   |   |   | 3 |   | 2 | 2 | 2 | 2 | 1 | 3 |   | 1 |   | 1 |   | 2 | 1 |   |   | 16 | 1.8 |     |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   | 2 | 2 |   |   | 1 | 2 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 11 | 1.5 |     |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3       | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |     |   |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-----|---|
|                                      | 054         | 073   | 063   | 042   | 044   | 072   | 051   | 053   | 052   | 051   | 072   | 073   | 059   | 043   | 065   | 073   | 073   | 073   | 073   | 073   |          | 073 |   |
| ANIMAL ID                            | 00528       | 00552 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553    |     |   |
| Arteriole, Necrosis                  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 3   |   |
| Artery, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |     | 3 |
| Lymph Node, Mesenteric               | +           | M     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 48  |   |
| Angiectasis                          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Hyperplasia, Lymphoid                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Infiltration Cellular, Histiocyte    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Infiltration Cellular, Mixed Cell    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Necrosis, Acute                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Spleen                               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50  |   |
| Hematopoietic Cell Proliferation     | 3           |       |       | 2     |       | 2     |       | 1     | 2     | 1     |       | 2     | 1     | 2     | 2     |       |       |       | 1     |       | 2        | 20  |   |
| Hyperplasia, Lymphoid                |             |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       | 1     |       | 2     |       | 1     |          | 8   |   |
| Metaplasia, Osseous                  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Thymus                               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 49  |   |
| Cyst                                 |             |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Depletion Cellular                   | 4           |       |       | 4     | 2     | 4     |       |       | 4     |       |       |       |       | 3     | 3     | 1     |       |       |       | 2     | 3        | 23  |   |
| Hyperplasia, Lymphoid                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Inflammation, Chronic Active         |             |       |       |       |       |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |          | 2   |   |
| Medulla, Hyperplasia, Lymphoid       |             |       |       |       |       | 2     |       |       | 1     | 1     |       |       |       | 2     | 3     |       |       |       |       | 1     |          | 15  |   |
| <b>INTEGUMENTARY SYSTEM</b>          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |     |   |
| Mammary Gland                        | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50  |   |
| Dilatation                           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Hypertrophy                          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3     |       |       | 1        | 3   |   |
| Necrosis, Acute                      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1   |   |
| Skin                                 | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 50  |   |

\* .. 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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 1) Minimal 3) Moderate  
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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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3                                | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |       |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
|   | 054         | 073   | 063   | 042   | 044   | 072   | 051   | 053   | 052   | 071   | 073   | 059   | 046   | 077   | 077   | 065   | 077   | 077   | 073   | 073   |          | 071   | 073   |
| ANIMAL ID   | 00528       | 00529 | 00533 | 00534 | 00537 | 00538 | 00540 | 00541 | 00544 | 00545 | 00546 | 00547 | 00548 | 00549 | 00550 | 00551 | 00552 | 00553 | 00554 | 00555 | 00556    | 00558 | 00559 |
| Arteriole, Inflammation, Chronic Active                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       | 1        |       |       |
| Respiratory Epithelium, Hyperplasia                           |             | 1     |       | 1     |       |       |       |       |       |       | 1     |       |       | 2     | 1     |       |       |       | 1     |       |          | 1     |       |
| Respiratory Epithelium, Metaplasia, Squamous                  |             |       |       |       | 2     |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       | 1        |       |       |
| Squamous Epithelium, Hyperplasia                              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Lung  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 50    |
| Foreign Body  | X           | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X        | X     | 50    |
| Infiltration Cellular, Lymphocyte                             | 1           | 3     |       | 1     | 3     |       | 1     | 2     | 2     | 1     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 3     |       | 4     | 3        | 2     | 37    |
| Inflammation, Chronic Active                                  | 3           | 4     | 2     | 2     | 2     | 2     | 3     | 2     | 3     | 4     | 3     | 4     | 3     | 4     | 3     | 4     | 3     | 4     | 2     | 4     | 4        | 4     | 50    |
| Alveolar Epithelium, Hyperplasia                              | 2           | 2     | 1     | 1     | 1     | 1     | 2     | 1     | 2     | 2     | 2     | 2     | 2     | 2     | 1     | 1     | 1     | 2     | 2     | 2     | 2        | 2     | 49    |
| Alveolus, Fibrosis  |             | 1     |       |       |       |       | 2     |       | 1     | 2     |       | 2     | 1     | 1     | 1     | 1     | 2     | 1     | 2     | 2     |          | 1     | 30    |
| Alveolus, Metaplasia, Squamous                                |             |       |       |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       |          | 1     | 1     |
| Bronchiole, Epithelium, Hyperplasia                           | 1           | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 2     | 1     | 2     | 1     | 2     | 2     | 1     | 1     | 2     | 1     | 2     | 2        | 2     | 48    |
| Bronchiole, Epithelium, Goblet Cell, Metaplasia               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       |       |          |       | 1     |
| Bronchus, Epithelium, Hyperplasia                             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Mediastinum, Necrosis, Fatty                                  |             |       |       | 2     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Pleura, Fibrosis  | 1           | 2     | 1     | 1     | 1     | 3     | 2     | 2     | 1     | 2     | 1     | 1     | 1     | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 2        | 1     | 50    |
| Pleura, Inflammation  | 2           | 2     |       | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 2     | 2     | 1     | 1     | 1     | 1     | 2     | 3     |       | 2     | 3        | 2     | 42    |
| Nose  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 50    |
| Foreign Body  | X           | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X        | X     | 45    |
| Glands, Respiratory Epithelium, Accumulation, Hyaline Droplet |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Nasolacrimal Duct, Inflammation, Chronic Active               |             |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Olfactory Epithelium, Accumulation, Hyaline Droplet           |             | 1     | 1     |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       |          |       | 12    |
| Olfactory Epithelium, Atrophy                                 |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     |
| Olfactory Epithelium, Metaplasia, Respiratory                 |             |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |          |       | 3     |
| Respiratory Epithelium, Accumulation, Hyaline Droplet         |             | 1     | 1     |       |       | 2     |       |       |       |       | 1     |       | 1     | 1     | 1     |       | 1     |       |       |       | 1        | 1     | 25    |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>10 mg/m3                       | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |       |       |        |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|--------|
|  | 054         | 073   | 063   | 042   | 040   | 072   | 051   | 053   | 052   | 073   | 073   | 059   | 049   | 065   | 073   | 073   | 063   | 073   | 073   | 073   |          | 073   | 073   | 073   | 073    |
| ANIMAL ID  | 00528       | 00552 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553    | 00553 | 00553 | 00553 |        |
| Respiratory Epithelium, Inflammation, Acute          |             |       | 1     |       |       |       | 1     |       |       |       |       |       |       |       |       | 1     |       |       |       |       |          |       |       |       | 7 1.0  |
| Respiratory Epithelium, Inflammation, Chronic Active |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       | 4 1.0  |
| Respiratory Epithelium, Metaplasia, Squamous         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       |          |       |       |       | 2 1.0  |
| Respiratory Epithelium, Mineralization               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3        |       |       |       | 1 3.0  |
| Turbinate, Necrosis                                  |             |       |       |       |       |       |       | 3     |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       | 1 3.0  |
| Trachea  | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 50    |        |
| Foreign Body   | X           |       |       |       |       |       |       |       |       |       |       | X     |       |       |       |       |       |       | X     |       |          |       | X     | 14    |        |
| Inflammation, Chronic Active                         |             |       |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       |       | 1     |       |       |          |       |       | 4 1.0 |        |
| Artery, Inflammation, Chronic Active                 |             |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       |       |       |       |       |       |          |       |       | 1 2.0 |        |
| Epithelium, Metaplasia, Squamous                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1 1.0 |        |
| <b>SPECIAL SENSES SYSTEM</b>                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       |        |
| Eye  | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 49    |        |
| Cataract   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 2     | 2 2.0 |        |
| Harderian Gland                                      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 50    |        |
| Inflammation, Acute                                  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 1     | 1 1.0 |        |
| <b>URINARY SYSTEM</b>                                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       |        |
| Kidney   | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 50    |        |
| Cyst   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       | 2 1.5  |
| Metaplasia, Osseous                                  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       |       |          | 1     |       | 2 1.5 |        |
| Nephropathy  | 2           |       | 1     |       |       |       | 4     |       |       |       | 1     | 1     | 1     |       |       | 1     | 3     | 1     | 1     | 1     | 1        | 2     | 2     | 1     | 29 1.4 |
| Artery, Inflammation, Chronic Active                 |             |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |       |       |       |       |       |          |       |       | 1 3.0 |        |
| Urinary Bladder                                      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 50    |        |
| Hyperplasia, Lymphoid                                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       | 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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST                          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | * TOTALS |     |     |     |     |     |     |     |     |
|--------------------|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|
|                    |                                      | 054 | 071 | 069 | 043 | 044 | 072 | 051 | 055 | 052 | 073 | 073 | 059 | 046 | 072 | 073 | 061 | 077 | 077 | 073 | 073 |          | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 |
| 10 mg/m3           | ANIMAL ID                            | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000      | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |
|                    |                                      | 055 | 073 | 069 | 043 | 044 | 072 | 051 | 055 | 052 | 073 | 073 | 059 | 046 | 072 | 073 | 061 | 077 | 077 | 073 | 073 | 073      | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 |
|                    |                                      | 28  | 29  | 33  | 34  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 49  | 51  | 52  | 53  | 54  | 55       | 56  | 57  | 58  | 59  | 60  | 61  | 62  | 63  |
|                    | Artery, Inflammation, Chronic Active |     |     |     |     |     |     | 2   |     |     |     |     | 2   |     |     |     |     |     |     |     |     |          |     |     |     |     |     |     |     |     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
X .. Lesion present  
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1-4 .. Lesion qualified as:  
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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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE                   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(cont...) |
|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
|                                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                      |
| <b>30 mg/m3</b>                      | 7           | 4 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 5 | 7 | 7 | 6 | 6 | 7 | 4 | 7 | 6 | 7 | 5 | 6 | 7 | 4 | 6                    |
|                                      | 3           | 0 | 3 | 3 | 3 | 1 | 8 | 7 | 3 | 3 | 9 | 1 | 3 | 7 | 0 | 3 | 2 | 3 | 2 | 3 | 1 | 7 | 3 | 8 | 0                    |
|                                      | 2           | 4 | 2 | 2 | 2 | 9 | 0 | 0 | 1 | 2 | 3 | 0 | 2 | 2 | 6 | 2 | 2 | 2 | 8 | 2 | 3 | 4 | 2 | 8 | 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 | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                    |
|                                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2                    |
|                                      | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7                    |
| Fat, Necrosis                        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Pancreas                             | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                    |
| Inflammation, Chronic Active         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Artery, Inflammation, Chronic Active | 2           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Salivary Glands                      | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                    |
| Artery, Inflammation, Chronic Active |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Stomach, Forestomach                 | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                    |
| Hyperplasia, Squamous                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Inflammation, Chronic Active         | 1           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Perforation, Chronic Active          | 1           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Stomach, Glandular                   | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                    |
| Inflammation, Chronic Active         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Mineralization                       | 1 1         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Necrosis                             |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Ulcer                                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Tooth                                | +           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |
| Dysplasia                            | 1           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |

CARDIOVASCULAR SYSTEM

|  |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel                             | +             | + | + | + | + | + | + | + | + | + | + | I | + | M | + | + | + | + | + | + | + | + | + | + | + |
| Adventitia, Inflammation, Chronic Active |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Media, Inflammation, Chronic Active      | 1             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Heart                                    | +             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy                           | 1 1 1 1 1 1 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | ANIMAL ID             | females<br>(cont...)  |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                    | 0<br>7<br>3<br>2      | 0<br>4<br>0<br>4      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>2      | 0<br>7<br>1<br>9      | 0<br>7<br>8<br>0      | 0<br>6<br>4<br>7      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>2      | 0<br>7<br>5<br>3      | 0<br>7<br>1<br>0      | 0<br>7<br>3<br>2      | 0<br>6<br>6<br>2      | 0<br>6<br>7<br>2      | 0<br>4<br>2<br>2      | 0<br>7<br>6<br>2      | 0<br>6<br>2<br>8      | 0<br>7<br>3<br>2      | 0<br>5<br>1<br>3      | 0<br>6<br>7<br>4      | 0<br>7<br>3<br>2      | 0<br>4<br>8<br>8      | 0<br>6<br>0<br>7      |                       |                       |
| 30 mg/m3           | 0<br>0<br>7<br>0<br>1 | 0<br>0<br>7<br>0<br>2 | 0<br>0<br>7<br>0<br>3 | 0<br>0<br>7<br>0<br>4 | 0<br>0<br>7<br>0<br>5 | 0<br>0<br>7<br>0<br>6 | 0<br>0<br>7<br>0<br>7 | 0<br>0<br>7<br>0<br>8 | 0<br>0<br>7<br>0<br>0 | 0<br>0<br>7<br>1<br>1 | 0<br>0<br>7<br>1<br>2 | 0<br>0<br>7<br>1<br>3 | 0<br>0<br>7<br>1<br>4 | 0<br>0<br>7<br>1<br>5 | 0<br>0<br>7<br>1<br>6 | 0<br>0<br>7<br>1<br>7 | 0<br>0<br>7<br>1<br>8 | 0<br>0<br>7<br>2<br>9 | 0<br>0<br>7<br>2<br>0 | 0<br>0<br>7<br>2<br>1 | 0<br>0<br>7<br>2<br>2 | 0<br>0<br>7<br>2<br>3 | 0<br>0<br>7<br>2<br>4 | 0<br>0<br>7<br>2<br>5 | 0<br>0<br>7<br>2<br>6 | 0<br>0<br>7<br>2<br>7 |

Artery, Inflammation, Chronic Active 1 1 1 1  
 Epicardium, Inflammation, Chronic Active 2 1 1 1  
 Pericardium, Inflammation, Chronic Active  
 Valve, Inflammation, Chronic Active

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zona Fasciculata, Hypertrophy     |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 2 |   |   |   | 1 |
| Zona Glomerulosa, Hyperplasia     | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   | 1 |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Parathyroid Gland                 | + | + | M | M | + | + | M | + | + | M | M | + | + | M | + | M | + | + | + | + | M | M | + | + | + |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis        |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pars Distalis, Hyperplasia        | 1 | 2 | 1 |   |   | 1 |   |   |   |   |   | 1 | 1 |   |   | 3 |   | 1 | 1 |   |   |   |   | 1 |   |
| Pars Nervosa, Inflammation, Acute |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active      |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**GENERAL BODY SYSTEM**

NONE

**GENITAL 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  
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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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(cont...) |   |   |   |   |   |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|---|---|---|---|
|                    |             | 7 | 4 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 5 | 7 | 7 | 6 | 6 | 7 | 4 | 7 | 6 | 7 |                      | 5 | 6 | 7 | 4 | 6 |
| 30 mg/m3           | ANIMAL ID   | 3 | 0 | 3 | 3 | 3 | 1 | 8 | 7 | 3 | 3 | 9 | 1 | 3 | 7 | 0 | 3 | 2 | 3 | 2 | 3 | 1                    | 7 | 3 | 8 | 0 |   |
|                    |             | 2 | 4 | 2 | 2 | 2 | 9 | 0 | 0 | 1 | 2 | 3 | 0 | 2 | 2 | 6 | 2 | 2 | 2 | 8 | 2 | 3                    | 4 | 2 | 8 | 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 |   |
|                    |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                    | 7 | 7 | 7 | 7 |   |
|                    |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2                    | 2 | 2 | 2 | 2 |   |
|                    |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3                    | 4 | 5 | 6 | 7 |   |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland<br>Inflammation, Chronic Active | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Ovary<br>Angiectasis                           | + | + | + | + | + | + | + | + | + | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Acute                            |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mineralization                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Necrosis, Fatty                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bursa, Cyst                                    |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Follicle, Cyst                                 |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | X | X | X | X |   |   |   |
| Uterus<br>Angiectasis                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |
| Ulcer  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Endometrium, Hyperplasia, Cystic               |   |   | 2 | 1 | 2 | 2 | 2 | 2 |   | 1 | 3 | 3 | 1 | 1 | 4 | 2 |   |   | 1 | 2 | 4 | 1 | 2 | 2 | 3 |

**HEMATOPOIETIC SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow<br>Atrophy                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                              |   |   | 1 |   | 1 |   |   |   |   | 1 | 2 | 1 |   | 1 |   |   |   | 1 | 1 | 1 |   |   | 1 | 1 |   |
| Lymph Node<br>Iliac, Hyperplasia         |   | + |   |   |   | + | + |   |   | + |   | + |   |   |   |   |   |   | + |   |   |   | + |   | + |
| Iliac, Inflammation                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumbar, Ectasia                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Lumbar, Hematopoietic Cell Proliferation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Renal, Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>30 mg/m3     | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | females<br>(cont...) |                  |                  |                  |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|
|                                    | 0<br>7<br>3<br>2 | 0<br>4<br>0<br>4 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>6<br>8<br>0 | 0<br>4<br>7<br>3 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>2 | 0<br>5<br>9<br>0 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>2 | 0<br>6<br>6<br>2 | 0<br>7<br>4<br>2 | 0<br>7<br>6<br>2 | 0<br>6<br>3<br>8 | 0<br>7<br>2<br>2 | 0<br>5<br>1<br>3 |           |                      | 0<br>6<br>7<br>4 | 0<br>7<br>3<br>2 | 0<br>4<br>8<br>8 |
| Lymph Node, Bronchial              | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M         | +                    | +                | +                |                  |
| Foreign Body                       | X                |                  | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                |                  | X                | X                | X                | X                | X                | X                |           | X                    |                  |                  |                  |
| Hyperplasia, Lymphoid              |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                | 1                | 2                |                  |                  | 1                |           |                      | 4                |                  |                  |
| Infiltration Cellular, Histiocyte  | 1                |                  |                  |                  |                  |                  |                  |                  | 2                |                  |                  |                  |                  |                  | 1                |                  | 1                |                  |                  |                  |           |                      |                  |                  |                  |
| Infiltration Cellular, Plasma Cell |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Inflammation, Acute                |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Lymph Node, Mandibular             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | M                | +                | +                | +                | +                | +                | +                | M                | +                | +         | +                    | M                | +                | +                |
| Foreign Body                       | X                |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Hyperplasia, Lymphoid              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Infiltration Cellular, Histiocyte  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Lymph Node, Mediastinal            | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | +                | +                |                  |
| Angiectasis                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Foreign Body                       | X                | X                | X                | X                | X                | X                |                  | X                | X                | X                | X                |                  | X                |                  | X                | X                |                  | X                | X                | X                | X         | X                    | X                | X                |                  |
| Hyperplasia, Lymphoid              | 1                |                  |                  | 3                | 1                |                  |                  |                  | 2                |                  | 2                |                  | 2                |                  |                  | 3                | 1                | 3                | 3                |                  |           | 2                    | 3                |                  |                  |
| Infiltration Cellular, Histiocyte  | 1                |                  |                  | 1                |                  |                  |                  | 1                | 1                |                  | 1                |                  | 1                |                  |                  | 1                | 1                |                  | 1                |                  |           |                      |                  |                  |                  |
| Infiltration Cellular, Plasma Cell |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Lymph Node, Mesenteric             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | +                | +         | +                    | +                | +                |                  |
| Hematopoietic Cell Proliferation   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Hyperplasia, Lymphoid              |                  |                  |                  | 2                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Infiltration Cellular, Plasma Cell |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Spleen                             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | +                | +                |                  |
| Hematopoietic Cell Proliferation   |                  | 3                | 1                | 2                | 2                | 2                |                  |                  | 2                | 1                | 3                |                  | 2                | 3                | 1                | 1                | 3                |                  |                  | 1                | 3         | 3                    | 1                | 3                |                  |
| Hyperplasia, Lymphoid              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                | 2                |                  | 2                | 2                |                  |           |                      |                  |                  |                  |
| Inflammation, Chronic Active       |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Thymus                             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | +                | +                |                  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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 X .. Lesion present  
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Experiment Number: 20601 - 04  
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 Species/Strain: MICE/B6C3F1

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

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

| B6C3F1 MICE FEMALE<br>30 mg/m3 | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |
|--------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
|                                | 0732        | 0404 | 0703 | 0703 | 0703 | 0701 | 0608 | 0407 | 0703 | 0703 | 0702 | 0703 | 0703 | 0606 | 0606 | 0704 | 0706 | 0706 | 0505 | 0606 | 0707 | 0404 | 0607 | 0606 |           |                      | 0707 |
|                                | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0732      | females<br>(cont...) |      |
|                                | 7           | 4    | 7    | 7    | 7    | 7    | 6    | 4    | 7    | 7    | 5    | 7    | 7    | 6    | 6    | 7    | 4    | 7    | 6    | 7    | 5    | 6    | 7    | 4    | 6         | 0732                 |      |
|                                | 3           | 0    | 3    | 3    | 3    | 1    | 8    | 7    | 3    | 3    | 9    | 1    | 3    | 7    | 0    | 3    | 2    | 3    | 2    | 3    | 1    | 7    | 3    | 8    | 0         | 0732                 |      |
|                                | 2           | 4    | 2    | 2    | 2    | 9    | 0    | 0    | 1    | 2    | 3    | 0    | 2    | 2    | 6    | 2    | 2    | 2    | 8    | 2    | 3    | 4    | 2    | 8    | 7         | 0732                 |      |
|                                | 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         | 0732                 |      |
|                                | 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         | 0732                 |      |
|                                | 7           | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7         | 0732                 |      |
|                                | 0           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2         | 0732                 |      |
|                                | 1           | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 8    | 9    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 7         | 0732                 |      |

Depletion Cellular Foreign Body 3 1 1 2 4 3 1 1 2 3 1  
 Medulla, Hyperplasia, Lymphoid 1 1 1 1 1 1 2

**INTEGUMENTARY SYSTEM**

Mammary Gland +  
 Hyperplasia 1  
 Hypertrophy  
 Inflammation, Chronic Active  
 Skin +  
 Hyperplasia 2  
 Inflammation, Chronic Active 4  
 Ulcer

**MUSCULOSKELETAL SYSTEM**

Bone +  
 Femur, Fibro-Osseous Lesion 1 2  
 Maxilla, Fibro-Osseous Lesion 4  
 Skeletal Muscle +

**NERVOUS SYSTEM**

Brain +  
 Compression 2  
 Demyelination 1  
 Necrosis, Acute  
 Arteriole, Inflammation, Chronic Active

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:  
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate  
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| B6C3F1 MICE FEMALE<br>30 mg/m3 | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---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|                                | 0732        | 0740 | 0747 | 0753 | 0761 | 0768 | 0774 | 0781 | 0787 | 0794 | 0800 | 0807 | 0813 | 0820 | 0826 | 0833 | 0839 | 0845 | 0852 | 0858 |           |                      | 0865 | 0871 | 0878 | 0884 | 0891 | 0897 | 0904 | 0910 | 0917 | 0923 | 0930 | 0936 | 0943 | 0949 | 0956 | 0962 | 0969 | 0975 | 0982 | 0988 | 0995 | 1001 | 1008 | 1014 | 1021 | 1027 | 1034 | 1040 | 1047 | 1053 | 1060 | 1066 | 1073 | 1079 | 1086 | 1092 | 1099 | 1105 | 1112 | 1118 | 1125 | 1131 | 1138 | 1144 | 1151 | 1157 | 1164 | 1170 | 1177 | 1183 | 1190 | 1196 | 1203 | 1209 | 1216 | 1222 | 1229 | 1235 | 1242 | 1248 | 1255 | 1261 | 1268 | 1274 | 1281 | 1287 | 1294 | 1300 | 1307 | 1313 | 1320 | 1326 | 1333 | 1339 | 1346 | 1352 | 1359 | 1365 | 1372 | 1378 | 1385 | 1391 | 1398 | 1404 | 1411 | 1417 | 1424 | 1430 | 1437 | 1443 | 1450 | 1456 | 1463 | 1469 | 1476 | 1482 | 1489 | 1495 | 1502 | 1508 | 1515 | 1521 | 1528 | 1534 | 1541 | 1547 | 1554 | 1560 | 1567 | 1573 | 1580 | 1586 | 1593 | 1600 | 1606 | 1613 | 1619 | 1626 | 1632 | 1639 | 1645 | 1652 | 1658 | 1665 | 1671 | 1678 | 1684 | 1691 | 1697 | 1704 | 1710 | 1717 | 1723 | 1730 | 1736 | 1743 | 1749 | 1756 | 1762 | 1769 | 1775 | 1782 | 1788 | 1795 | 1801 | 1808 | 1814 | 1821 | 1827 | 1834 | 1840 | 1847 | 1853 | 1860 | 1866 | 1873 | 1879 | 1886 | 1892 | 1899 | 1905 | 1912 | 1918 | 1925 | 1931 | 1938 | 1944 | 1951 | 1957 | 1964 | 1970 | 1977 | 1983 | 1990 | 1996 | 2003 | 2009 | 2016 | 2022 | 2029 | 2035 | 2042 | 2048 | 2055 | 2061 | 2068 | 2074 | 2081 | 2087 | 2094 | 2100 | 2107 | 2113 | 2120 | 2126 | 2133 | 2139 | 2146 | 2152 | 2159 | 2165 | 2172 | 2178 | 2185 | 2191 | 2198 | 2204 | 2211 | 2217 | 2224 | 2230 | 2237 | 2243 | 2250 | 2256 | 2263 | 2269 | 2276 | 2282 | 2289 | 2295 | 2302 | 2308 | 2315 | 2321 | 2328 | 2334 | 2341 | 2347 | 2354 | 2360 | 2367 | 2373 | 2380 | 2386 | 2393 | 2400 | 2406 | 2413 | 2419 | 2426 | 2432 | 2439 | 2445 | 2452 | 2458 | 2465 | 2471 | 2478 | 2484 | 2491 | 2497 | 2504 | 2510 | 2517 | 2523 | 2530 | 2536 | 2543 | 2549 | 2556 | 2562 | 2569 | 2575 | 2582 | 2588 | 2595 | 2601 | 2608 | 2614 | 2621 | 2627 | 2634 | 2640 | 2647 | 2653 | 2660 | 2666 | 2673 | 2679 | 2686 | 2692 | 2699 | 2705 | 2712 | 2718 | 2725 | 2731 | 2738 | 2744 | 2751 | 2757 | 2764 | 2770 | 2777 | 2783 | 2790 | 2796 | 2803 | 2809 | 2816 | 2822 | 2829 | 2835 | 2842 | 2848 | 2855 | 2861 | 2868 | 2874 | 2881 | 2887 | 2894 | 2900 | 2907 | 2913 | 2920 | 2926 | 2933 | 2939 | 2946 | 2952 | 2959 | 2965 | 2972 | 2978 | 2985 | 2991 | 2998 | 3004 | 3011 | 3017 | 3024 | 3030 | 3037 | 3043 | 3050 | 3056 | 3063 | 3069 | 3076 | 3082 | 3089 | 3095 | 3102 | 3108 | 3115 | 3121 | 3128 | 3134 | 3141 | 3147 | 3154 | 3160 | 3167 | 3173 | 3180 | 3186 | 3193 | 3199 | 3206 | 3212 | 3219 | 3225 | 3232 | 3238 | 3245 | 3251 | 3258 | 3264 | 3271 | 3277 | 3284 | 3290 | 3297 | 3303 | 3310 | 3316 | 3323 | 3329 | 3336 | 3342 | 3349 | 3355 | 3362 | 3368 | 3375 | 3381 | 3388 | 3394 | 3401 | 3407 | 3414 | 3420 | 3427 | 3433 | 3440 | 3446 | 3453 | 3459 | 3466 | 3472 | 3479 | 3485 | 3492 | 3498 | 3505 | 3511 | 3518 | 3524 | 3531 | 3537 | 3544 | 3550 | 3557 | 3563 | 3570 | 3576 | 3583 | 3589 | 3596 | 3602 | 3609 | 3615 | 3622 | 3628 | 3635 | 3641 | 3648 | 3654 | 3661 | 3667 | 3674 | 3680 | 3687 | 3693 | 3700 | 3706 | 3713 | 3719 | 3726 | 3732 | 3739 | 3745 | 3752 | 3758 | 3765 | 3771 | 3778 | 3784 | 3791 | 3797 | 3804 | 3810 | 3817 | 3823 | 3830 | 3836 | 3843 | 3849 | 3856 | 3862 | 3869 | 3875 | 3882 | 3888 | 3895 | 3901 | 3908 | 3914 | 3921 | 3927 | 3934 | 3940 | 3947 | 3953 | 3960 | 3966 | 3973 | 3979 | 3986 | 3992 | 3999 | 4005 | 4012 | 4018 | 4025 | 4031 | 4038 | 4044 | 4051 | 4057 | 4064 | 4070 | 4077 | 4083 | 4090 | 4096 | 4103 | 4109 | 4116 | 4122 | 4129 | 4135 | 4142 | 4148 | 4155 | 4161 | 4168 | 4174 | 4181 | 4187 | 4194 | 4200 | 4207 | 4213 | 4220 | 4226 | 4233 | 4239 | 4246 | 4252 | 4259 | 4265 | 4272 | 4278 | 4285 | 4291 | 4298 | 4304 | 4311 | 4317 | 4324 | 4330 | 4337 | 4343 | 4350 | 4356 | 4363 | 4369 | 4376 | 4382 | 4389 | 4395 | 4402 | 4408 | 4415 | 4421 | 4428 | 4434 | 4441 | 4447 | 4454 | 4460 | 4467 | 4473 | 4480 | 4486 | 4493 | 4500 | 4506 | 4513 | 4519 | 4526 | 4532 | 4539 | 4545 | 4552 | 4558 | 4565 | 4571 | 4578 | 4584 | 4591 | 4597 | 4604 | 4610 | 4617 | 4623 | 4630 | 4636 | 4643 | 4649 | 4656 | 4662 | 4669 | 4675 | 4682 | 4688 | 4695 | 4701 | 4708 | 4714 | 4721 | 4727 | 4734 | 4740 | 4747 | 4753 | 4760 | 4766 | 4773 | 4779 | 4786 | 4792 | 4799 | 4805 | 4812 | 4818 | 4825 | 4831 | 4838 | 4844 | 4851 | 4857 | 4864 | 4870 | 4877 | 4883 | 4890 | 4896 | 4903 | 4909 | 4916 | 4922 | 4929 | 4935 | 4942 | 4948 | 4955 | 4961 | 4968 | 4974 | 4981 | 4987 | 4994 | 5000 | 5007 | 5013 | 5020 | 5026 | 5033 | 5039 | 5046 | 5052 | 5059 | 5065 | 5072 | 5078 | 5085 | 5091 | 5098 | 5104 | 5111 | 5117 | 5124 | 5130 | 5137 | 5143 | 5150 | 5156 | 5163 | 5169 | 5176 | 5182 | 5189 | 5195 | 5202 | 5208 | 5215 | 5221 | 5228 | 5234 | 5241 | 5247 | 5254 | 5260 | 5267 | 5273 | 5280 | 5286 | 5293 | 5299 | 5306 | 5312 | 5319 | 5325 | 5332 | 5338 | 5345 | 5351 | 5358 | 5364 | 5371 | 5377 | 5384 | 5390 | 5397 | 5403 | 5410 | 5416 | 5423 | 5429 | 5436 | 5442 | 5449 | 5455 | 5462 | 5468 | 5475 | 5481 | 5488 | 5494 | 5501 | 5507 | 5514 | 5520 | 5527 | 5533 | 5540 | 5546 | 5553 | 5559 | 5566 | 5572 | 5579 | 5585 | 5592 | 5598 | 5605 | 5611 | 5618 | 5624 | 5631 | 5637 | 5644 | 5650 | 5657 | 5663 | 5670 | 5676 | 5683 | 5689 | 5696 | 5702 | 5709 | 5715 | 5722 | 5728 | 5735 | 5741 | 5748 | 5754 | 5761 | 5767 | 5774 | 5780 | 5787 | 5793 | 5800 | 5806 | 5813 | 5819 | 5826 | 5832 | 5839 | 5845 | 5852 | 5858 | 5865 | 5871 | 5878 | 5884 | 5891 | 5897 | 5904 | 5910 | 5917 | 5923 | 5930 | 5936 | 5943 | 5949 | 5956 | 5962 | 5969 | 5975 | 5982 | 5988 | 5995 | 6001 | 6008 | 6014 | 6021 | 6027 | 6034 | 6040 | 6047 | 6053 | 6060 | 6066 | 6073 | 6079 | 6086 | 6092 | 6099 | 6105 | 6112 | 6118 | 6125 | 6131 | 6138 | 6144 | 6151 | 6157 | 6164 | 6170 | 6177 | 6183 | 6190 | 6196 | 6203 | 6209 | 6216 | 6222 | 6229 | 6235 | 6242 | 6248 | 6255 | 6261 | 6268 | 6274 | 6281 | 6287 | 6294 | 6300 | 6307 | 6313 | 6320 | 6326 | 6333 | 6339 | 6346 | 6352 | 6359 | 6365 | 6372 | 6378 | 6385 | 6391 | 6398 | 6404 | 6411 | 6417 | 6424 | 6430 | 6437 | 6443 | 6450 | 6456 | 6463 | 6469 | 6476 | 6482 | 6489 | 6495 | 6502 | 6508 | 6515 | 6521 | 6528 | 6534 | 6541 | 6547 | 6554 | 6560 | 6567 | 6573 | 6580 | 6586 | 6593 | 6599 | 6606 | 6612 | 6619 | 6625 | 6632 | 6638 | 6645 | 6651 | 6658 | 6664 | 6671 | 6677 | 6684 | 6690 | 6697 | 6703 | 6710 | 6716 | 6723 | 6729 | 6736 | 6742 | 6749 | 6755 | 6762 | 6768 | 6775 | 6781 | 6788 | 6794 | 6801 | 6807 | 6814 | 6820 | 6827 | 6833 | 6840 | 6846 | 6853 | 6859 | 6866 | 6872 | 6879 | 6885 | 6892 | 6898 | 6905 | 6911 | 6918 | 6924 | 6931 | 6937 | 6944 | 6950 | 6957 | 6963 | 6970 | 6976 | 6983 | 6989 | 6996 | 7002 | 7009 | 7015 | 7022 | 7028 | 7035 | 7041 | 7048 | 7054 | 7061 | 7067 | 7074 | 7080 | 7087 | 7093 | 7100 | 7106 | 7113 | 7119 | 7126 | 7132 | 7139 | 7145 | 7152 | 7158 | 7165 | 7171 | 7178 | 7184 | 7191 | 7197 | 7204 | 7210 | 7217 | 7223 | 7230 | 7236 | 7243 | 7249 | 7256 | 7262 | 7269 | 7275 | 7282 | 7288 | 7295 | 7301 | 7308 | 7314 | 7321 | 7327 | 7334 | 7340 | 7347 | 7353 | 7360 | 7366 | 7373 | 7379 | 7386 | 7392 | 7399 | 7405 | 7412 | 7418 | 7425 | 7431 | 7438 | 7444 | 7451 | 7457 | 7464 | 7470 | 7477 | 7483 | 7490 | 7496 | 7503 | 7509 | 7516 | 7522 | 7529 | 7535 | 7542 | 7548 | 7555 | 7561 | 7568 | 7574 | 7581 | 7587 | 7594 | 7600 | 7607 | 7613 | 7620 | 7626 | 7633 | 7639 | 7646 | 7652 | 7659 | 7665 | 7672 | 7678 | 7685 | 7691 | 7698 | 7704 | 7711 | 7717 | 7724 | 7730 | 7737 | 7743 | 7750 | 7756 | 7763 | 7769 | 7776 | 7782 | 7789 | 7795 | 7802 | 7808 | 7815 | 7821 | 7828 | 7834 | 7841 | 7847 | 7854 | 7860 | 7867 | 7873 | 7880 | 7886 | 7893 | 7899 | 7906 | 7912 | 7919 | 7925 | 7932 | 7938 | 7945 | 7951 | 7958 | 7964 | 7971 | 7977 | 7984 | 7990 | 7997 | 8003 | 8010 | 8016 | 8023 | 8029 | 8036 | 8042 | 8049 | 8055 | 8062 | 8068 | 8075 | 8081 | 8088 | 8094 | 8101 | 8107 | 8114 | 8120 | 8127 | 8133 | 8140 | 8146 | 8153 | 8159 | 8166 | 8172 | 8179 | 8185 | 8192 | 8198 | 8205 | 8211 | 8218 | 8224 | 8231 | 8237 | 8244 | 8250 | 8257 | 8263 | 8270 | 8276 | 8283 | 8289 | 8296 | 8302 | 8309 | 8315 | 8322 | 8328 | 8335 | 8341 | 8348 | 8354 | 8361 | 8367 | 8374 | 8380 | 8387 | 8393 | 8400 | 8406 | 8413 | 8419 | 8426 | 8432 | 8439 | 8445 | 8452 | 8458 | 8465 | 8471 | 8478 | 8484 | 8491 | 8497 | 8504 | 8510 | 8517 | 8523 | 8530 | 8536 | 8543 | 8549 | 8556 | 8562 | 8569 | 8575 | 8582 | 8588 | 8595 | 8601 | 8608 | 8614 | 8621 | 8627 | 8634 | 8640 | 8647 | 8653 | 8660 | 8666 | 8673 | 8679 | 8686 | 8692 | 8699 | 8705 | 8712 | 8718 | 8725 | 8731 | 8738 | 8744 | 8751 | 8757 | 8764 | 8770 | 8777 | 8783 | 8790 | 8796 | 8803 | 8809 | 8816 | 8822 | 8829 | 8835 | 8842 | 8848 | 8855 | 8861 | 8868 | 8874 | 8881 | 8887 | 8894 | 8900 | 8907 | 8913 | 8920 | 8926 | 8933 | 8939 | 8946 | 8952 | 8959 | 8965 | 8972 | 8978 | 8985 | 8991 | 8998 | 9004 | 9011 | 9017 | 9024 | 9030 | 9037 | 9043 | 9050 | 9056 | 9063 | 9069 | 9076 | 9082 | 9089 | 9095 | 9102 | 9108 | 9115 | 9121 | 9128 | 9134 | 9141 | 9147 | 9154 | 9160 | 9167 | 9173 | 9180 | 9186 | 9193 | 9199 | 9206 | 9212 | 9219 | 9225 | 9232 | 9238 | 9245 | 9251 | 9258 | 9264 | 9271 | 9277 | 9284 | 9290 | 9297 | 9303 | 9310 | 9316 | 9323 | 9329 | 9336 | 9342 | 9349 |

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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>30 mg/m3                        | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | females<br>(cont...) |                  |                  |                  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|
|   | 0<br>7<br>3<br>2 | 0<br>4<br>0<br>4 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>1<br>9 | 0<br>6<br>8<br>0 | 0<br>4<br>7<br>3 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>2 | 0<br>5<br>9<br>0 | 0<br>7<br>7<br>2 | 0<br>7<br>3<br>0 | 0<br>6<br>6<br>2 | 0<br>7<br>4<br>2 | 0<br>7<br>6<br>2 | 0<br>6<br>3<br>2 | 0<br>7<br>2<br>2 | 0<br>5<br>1<br>3 | 0<br>6<br>7<br>4 |           |                      | 0<br>4<br>3<br>2 | 0<br>6<br>8<br>8 | 0<br>7<br>8<br>7 |
| Foreign Body  | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X                | X         | X                    | X                |                  |                  |
| Glands, Dilatation                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Nasolacrimal Duct, Inflammation, Acute                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Olfactory Epithelium, Accumulation, Hyaline Droplet   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Olfactory Epithelium, Atrophy                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Respiratory Epithelium, Accumulation, Hyaline Droplet |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Respiratory Epithelium, Hyperplasia                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Respiratory Epithelium, Inflammation, Acute           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Respiratory Epithelium, Inflammation, Chronic Active  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Respiratory Epithelium, Metaplasia, Squamous          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Pleura  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Necrosis, Fatty                                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Trachea   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Foreign Body  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Epithelium, Hyperplasia                               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |
| Epithelium, Metaplasia, Squamous                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |                  |                  |                  |

SPECIAL SENSES SYSTEM

|                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Ear                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eye                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cataract                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cornea, Inflammation, Chronic Active |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Harderian Gland                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

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

### ALIMENTARY SYSTEM

|                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Esophagus                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 50  |
| Gallbladder                          | + | + | + | + | + | + | + | + | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | 45 |     |
| Intestine Large, Cecum               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 47 |     |
| Intestine Large, Colon               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 47 |     |
| Intestine Large, Rectum              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 47 |     |
| Intestine Small, Duodenum            | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | 45 |     |
| Intestine Small, Ileum               | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 45 |     |
| Intestine Small, Jejunum             | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | 44 |     |
| Liver                                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |     |
| Angiectasis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | 2 |   |   | 2  | 2.0 |
| Basophilic Focus                     |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |     |
| Clear Cell Focus                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |     |
| Hematopoietic Cell Proliferation     |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |
| Inflammation, Chronic Active         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   | 2  | 1.5 |
| Necrosis                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1 |   |   |   |   |   |   |   | 2  | 1.5 |
| Mesentery                            |   |   |   |   |   | + |   |   |   |   | + | + | + |   |   |   |   |   |   |   |   |   | + | + |   |   | 7  |     |
| Inflammation, Chronic                |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 4.0 |
| Necrosis, Fatty                      |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   | 2 |   | 1 |   | 4  | 1.8 |
| Artery, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   | 1  | 3.0 |

\* .. 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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>30 mg/m3       | DAY ON TEST            |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 | * TOTALS |                 |       |       |       |    |       |       |       |
|--------------------------------------|------------------------|---------------------|--------------------------|-------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------|-----------------|-------|-------|-------|----|-------|-------|-------|
|                                      | 0574067676566657642321 | 0010271980424923761 | 004067091299401614455534 | 00671980424923761 | 007671980424923761 | 006766657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 | 005666657642321 | 006666657642321 |          | 005666657642321 |       |       |       |    |       |       |       |
| ANIMAL ID                            | 00728                  | 00728               | 00728                    | 00728             | 00728              | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728           | 00728    | 00728           | 00728 | 00728 | 00728 |    |       |       |       |
| Fat, Necrosis                        |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 3  | 1 3.0 |       |       |
| Pancreas                             | +                      | +                   | +                        | +                 | +                  | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +        | +               | +     | +     | +     | 50 |       |       |       |
| Inflammation, Chronic Active         |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 1  | 1 1.0 |       |       |
| Artery, Inflammation, Chronic Active |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       |    | 1     | 2.0   |       |
| Salivary Glands                      | +                      | +                   | +                        | +                 | +                  | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +        | +               | +     | +     | +     | 50 |       |       |       |
| Artery, Inflammation, Chronic Active |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 2  | 1 2.0 |       |       |
| Stomach, Forestomach                 | +                      | +                   | +                        | +                 | +                  | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +        | +               | +     | +     | +     | 50 |       |       |       |
| Hyperplasia, Squamous                |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       |    | 1     | 1 1.0 |       |
| Inflammation, Chronic Active         |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 1  | 3 1.0 |       |       |
| Perforation, Chronic Active          |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 4  | 1 4.0 |       |       |
| Stomach, Glandular                   | +                      | +                   | +                        | +                 | +                  | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +               | +        | +               | +     | +     | +     | 50 |       |       |       |
| Inflammation, Chronic Active         |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 2  | 2 3.0 |       |       |
| Mineralization                       |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       |    |       | 2     | 1.0   |
| Necrosis                             |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       |    |       | 1     | 1 1.0 |
| Ulcer                                |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       | 4  | 1 4.0 |       |       |
| Tooth                                |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       |    | 1     |       |       |
| Dysplasia                            |                        |                     |                          |                   |                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |          |                 |       |       |       |    |       | 1     | 1 1.0 |

**CARDIOVASCULAR SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |        |     |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-----|
| Blood Vessel                             | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |        |     |
| Adventitia, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1 1.0  |     |
| Media, Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1      | 1.0 |
| Heart                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |        |     |
| Cardiomyopathy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 11 1.1 |     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue  
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 A .. Autolysis precludes evaluation  
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1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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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: 09:59:55

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

Lab: BNW

| B6C3F1 MICE FEMALE<br>30 mg/m3     | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS     |
|------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
|                                    | 05728       | 07722 | 04033 | 06633 | 07733 | 06633 | 07733 | 06633 | 05521 | 06622 | 05522 | 06622 | 05522 | 06622 | 05522 | 06622 | 05522 | 06622 | 05522 | 06622 |              |
| ANIMAL ID                          | 00722       | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 | 00723 |              |
| Lymph Node, Bronchial              | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 49           |
| Foreign Body                       | X           |       | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | 43           |
| Hyperplasia, Lymphoid              |             |       |       | 1     |       | 2     |       |       |       |       |       |       |       |       | 2     |       |       |       | 1     | 2     | 11 1.7       |
| Infiltration Cellular, Histiocyte  |             |       |       | 1     |       | 1     |       |       |       |       |       |       |       | 1     |       |       |       |       |       |       | 7 1.1        |
| Infiltration Cellular, Plasma Cell |             |       |       |       |       |       |       |       |       | 4     |       |       |       |       |       |       |       |       |       |       | 1 4.0        |
| Inflammation, Acute                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1 1.0        |
| Lymph Node, Mandibular             | M           | +     | +     | +     | +     | +     | +     | +     | M     | +     | +     | M     | +     | +     | I     | +     | M     | +     | M     | M     | 39           |
| Foreign Body                       |             |       |       |       |       |       | X     |       |       |       |       |       |       |       |       |       |       |       |       |       | 3            |
| Hyperplasia, Lymphoid              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       |       | 1 2.0        |
| Infiltration Cellular, Histiocyte  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1 1.0        |
| Lymph Node, Mediastinal            | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50           |
| Angiectasis                        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     |       | 1 2.0        |
| Foreign Body                       | X           | X     |       | X     | X     | X     | X     | X     |       | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | 44           |
| Hyperplasia, Lymphoid              |             |       |       |       |       |       |       |       |       |       | 1     |       |       |       |       | 3     |       |       | 2     | 1     | 1 1 1 18 1.9 |
| Infiltration Cellular, Histiocyte  |             |       |       | 1     |       |       |       | 1     |       | 1     |       | 2     |       | 1     |       |       |       |       | 1     | 1     | 16 1.1       |
| Infiltration Cellular, Plasma Cell |             |       |       |       |       |       |       |       |       |       | 4     |       |       |       |       |       |       |       |       |       | 1 4.0        |
| Lymph Node, Mesenteric             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | I     | 46           |
| Hematopoietic Cell Proliferation   |             |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |       |       |       |       | 1 3.0        |
| Hyperplasia, Lymphoid              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1 2.0        |
| Infiltration Cellular, Plasma Cell |             |       |       |       |       |       |       |       |       |       | 3     |       |       |       |       |       |       |       |       |       | 1 3.0        |
| Spleen                             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50           |
| Hematopoietic Cell Proliferation   | 1           |       | 3     | 2     | 2     | 1     | 3     | 2     | 2     |       | 4     | 3     | 3     |       | 3     |       | 3     | 2     |       | 2     | 35 2.2       |
| Hyperplasia, Lymphoid              |             |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       | 2     | 7 1.6        |
| Inflammation, Chronic Active       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1     | 1 1.0        |
| Thymus                             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | I     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 49           |

\* .. 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

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

|                                 |   |   |  |   |  |   |  |   |   |   |  |   |   |   |   |   |   |  |   |   |   |  |   |   |  |               |
|---------------------------------|---|---|--|---|--|---|--|---|---|---|--|---|---|---|---|---|---|--|---|---|---|--|---|---|--|---------------|
| Depletion Cellular Foreign Body | 4 | 4 |  | 3 |  | 1 |  | 4 | 2 | 1 |  | 4 | 4 | 3 | 2 | 2 | 1 |  | 2 | 2 | 3 |  | 3 | 1 |  | <b>29 2.3</b> |
| Medulla, Hyperplasia, Lymphoid  |   | 1 |  |   |  |   |  |   |   | 2 |  |   | 2 |   |   |   |   |  | 2 | 2 |   |  | 1 | 1 |  | <b>16 1.3</b> |

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           |              |  |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|--------------|--|
| Mammary Gland                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |           |              |  |
| Hyperplasia                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 1.0</b> |  |
| Hypertrophy                  |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 1.0</b> |  |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   |           |           | <b>2 1.0</b> |  |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>50</b> |              |  |
| Hyperplasia                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |           |           | <b>2 1.5</b> |  |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 | 2 |   | 4 |   |   |   |   |   |   |           |           | <b>4 3.5</b> |  |
| Ulcer                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |           |           | <b>1 4.0</b> |  |

**MUSCULOSKELETAL SYSTEM**

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |              |  |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|--|
| Bone                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |              |  |
| Femur, Fibro-Osseous Lesion   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 2 | 2 |   |   |   |   |   |   |           | <b>6 1.5</b> |  |
| Maxilla, Fibro-Osseous Lesion |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |           | <b>1 4.0</b> |  |
| Skeletal Muscle               | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   | <b>3</b>  |              |  |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |              |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|--------------|
| Brain                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |  |              |
| Compression                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  | <b>1 2.0</b> |
| Demyelination                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  | <b>1 1.0</b> |
| Necrosis, Acute                         |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  | <b>1 4.0</b> |
| Arteriole, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |           |  | <b>1 1.0</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

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: 09:59:55  
 First Dose M/F: 10/06/08 / 10/06/08  
 Lab: BNW

| B6C3F1 MICE FEMALE<br>30 mg/m3 | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |       |       |
|--------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
|                                | 05728       | 07722 | 04033 | 06733 | 07733 | 06733 | 07733 | 06733 | 05728 | 06664 | 05664 | 06664 | 05664 | 06664 | 05728 | 07722 | 06664 | 04774 | 07744 | 06664 |          | 06664 | 07766 | 06766 |
| ANIMAL ID                      | 00722       | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722 | 00722    | 00722 | 00722 | 00722 |
|                                | 8           | 9     | 3     | 4     | 7     | 8     | 9     | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 9     | 1     | 2     | 3     | 4     | 5        | 6     | 8     | 9     |

Meninges, Infiltration Cellular, Lymphoid 1 1.0

Peripheral Nerve 1

Spinal Cord 1

**RESPIRATORY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Larynx                                       | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>50</b>     |
| Foreign Body                                 | X | X |   | X | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X | X | X | X | X | <b>48</b>     |
| Inflammation, Chronic Active                 |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   | <b>4 1.5</b>  |
| Respiratory Epithelium, Hyperplasia          | 1 | 1 | 1 |   | 1 |   |   | 1 |   |   | 1 |   | 1 |   | 1 | 2 |   |   |   |   |   | 2 |   | <b>18 1.1</b> |
| Respiratory Epithelium, Metaplasia, Squamous |   |   |   | 1 |   |   |   |   | 1 |   |   | 1 |   | 2 |   |   | 1 | 1 | 1 | 1 |   | 1 | 1 | <b>24 1.1</b> |
| Squamous Epithelium, Hyperplasia             | 1 |   |   |   |   |   |   |   | 1 | 1 | 1 | 1 |   |   | 1 |   |   |   |   |   |   |   |   | <b>12 1.1</b> |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Lung  | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>50</b>     |
| Foreign Body                                    | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | <b>50</b>     |
| Infiltration Cellular, Lymphocyte               |   |   |   |   | 4 |   |   |   |   | 4 | 3 |   | 4 |   |   | 2 | 3 | 4 | 2 |   | 3 | 3 |   | <b>26 3.2</b> |
| Inflammation, Chronic Active                    | 3 | 2 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | <b>50 3.5</b> |
| Thrombosis                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | <b>1 2.0</b>  |
| Alveolar Epithelium, Hyperplasia                | 2 |   | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 2 | <b>48 2.0</b> |
| Alveolar Epithelium, Metaplasia, Squamous       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 3.0</b>  |
| Alveolus, Fibrosis                              | 1 |   | 1 | 3 | 2 | 2 |   | 3 | 3 |   | 2 | 2 | 2 | 2 |   | 1 | 1 |   |   |   | 3 | 2 |   | <b>38 2.2</b> |
| Alveolus, Infiltration Cellular, Histiocyte     |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>  |
| Bronchiole, Epithelium, Hyperplasia             | 2 |   | 1 | 1 |   | 2 |   | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   | 2 | 2 | 2 | 1 | <b>45 1.7</b> |
| Bronchiole, Epithelium, Goblet Cell, Metaplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>  |
| Bronchus, Epithelium, Goblet Cell, Metaplasia   |   |   | 1 |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.0</b>  |
| Pleura, Fibrosis                                | 2 | 1 | 1 | 3 | 1 | 3 | 1 | 4 | 2 | 1 | 3 | 3 | 4 | 3 | 3 | 2 | 4 | 1 | 3 | 1 | 1 | 1 | 3 | <b>50 2.2</b> |
| Pleura, Inflammation                            |   |   |   | 3 | 2 |   | 2 |   |   |   |   | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | <b>38 2.2</b> |

Nose + + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | **50** |

\* .. 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



