

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

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

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Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	06633	07733	07722	07722	06723	07636	07764	07730	07730	05790	06779	07670	07722	07732	07723	07722	07722	05799	07729	07729	Control	ANIMAL ID	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	males (cont...)
	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000																							

ALIMENTARY SYSTEM

Esophagus Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder Inflammation, Chronic	I	+	+	+	+	+	+	+	+	+	A	+	+	+	+	M	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+
Intestine Large, Colon Lymphoid Tissue, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Ileum Peyer's Patch, Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+
Intestine Small, Jejunum Inflammation Peyer's Patch, Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+
Liver Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus			X								1						X					
Clear Cell Focus			X				X			X							X				X	
Eosinophilic Focus						X								X							X	X
Inflammation, Chronic Active																						
Mineralization																					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

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B6C3F1 MICE MALE	DAY ON TEST	06633	07733	07722	07722	06723	07663	07763	07733	07733	05699	06772	06772	06772	06772	06772	06772	06772	06772	05722	07722	07722	07722	males (cont...)
	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 Control	DAY ON TEST																								males (cont...)	
	066330	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776	077776			
ANIMAL ID	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000		
	12345678	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568	01234568		
Lymph Node Hyperplasia, Plasma Cell																									+ + 3	
Lymph Node, Bronchial Hyperplasia, Lymphoid	M	M	M	M	+	M	+	M	+	I	+	M	+	+	+	+	+	+	M	M	+	+	M	+	+	2
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	M	M	+	M	+	M	+	+	+	M	+	M	M	+	M	M	M	M	+	+	M	M	M	3 1
Lymph Node, Mediastinal Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	M	+	I	+	M	M	+	+	I	+	+	+	I	+	1 2
Lymph Node, Mesenteric Fibrosis Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1 1 2 1 1
Thymus Depletion Cellular Medulla, Hyperplasia, Lymphoid	M	M	+	+	+	+	I	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	I	4 4 3 4 1 4 1 3 4 1

INTEGUMENTARY SYSTEM

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	
Skin Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	4 2 4 4

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	ANIMAL ID	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	

MUSCULOSKELETAL SYSTEM

Bone Femur, Fibro-Osseous Lesion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
				3																		
Skeletal Muscle Degeneration									+													
									2													

NERVOUS SYSTEM

Brain Arteriole, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
					1																	
Peripheral Nerve Degeneration									+													
									3													
Spinal Cord									+													

RESPIRATORY SYSTEM

Larynx Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory Epithelium, Hyperplasia						1									1	1			1	1		2
Squamous Epithelium, Hyperplasia																						1
Lung Hemorrhage, Acute	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte																						
Infiltration Cellular, Lymphocyte							2			1			1		1	1					1	
Inflammation, Focal, Chronic																						
Pigmentation, Focal																						

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B6C3F1 MICE MALE Control	DAY ON TEST																								males (cont...)	
	0663	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773			
ANIMAL ID	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	1	2	3	4	5	6	7	8	0	1	2	3	4	5	6	8	9	0	1	2	2	2	2	2	2	
Thrombosis																					1					
Alveolar Epithelium, Hyperplasia			2																						1	
Alveolus, Infiltration Cellular, Histiocyte																							2			
Artery, Inflammation, Chronic Active								1																		
Pleura, Inflammation																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Glands, Olfactory Epithelium, Dilatation																										
Glands, Olfactory Epithelium, Metaplasia, Respiratory																										
Nasolacrimal Duct, Inflammation, Chronic Active															1											
Olfactory Epithelium, Accumulation, Hyaline Droplet																							1		1	
Olfactory Epithelium, Metaplasia, Respiratory																										
Respiratory Epithelium, Accumulation, Hyaline Droplet			1		1																					
Respiratory Epithelium, Inflammation, Acute																										
Respiratory Epithelium, Inflammation, Chronic Active																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Cataract											1		2	3	1									2		
Retinal Detachment										4																
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hyperplasia																										
Hypertrophy																							2			
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B6C3F1 MICE MALE Control	DAY ON TEST	ANIMAL ID																								males (cont...)
		0663	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	0773	
		0	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	7	7	7	7	6	7	6	7	7	7	5	6	7	6	7	7	7	6	7	7	5	7	7	7
		6	3	3	2	2	2	3	6	3	3	9	7	2	7	0	2	3	2	3	2	2	9	2	2	2
		3	0	0	9	9	6	0	4	0	0	0	0	7	9	0	2	9	0	7	0	9	9	9	9	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	0	0	0	0	0	0
		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

Epithelium, Hyperplasia

2

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																						2			
Inflammation, Acute																						1			
Metaplasia, Osseous						1																			
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																							4		

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B6C3F1 MICE MALE 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	5	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	3	2	2	3	3	2	3	2	3	2	2	3	2		
		9	2	2	9	0	0	0	0	0	9	0	9	9	0	0	9	0	9	0	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		
		2	2	3	3	3	3	3	4	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	6	9		

ALIMENTARY SYSTEM

Esophagus Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0
Gallbladder Inflammation, Chronic	+	+	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	A	44	2	1.0
Intestine Large, Cecum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	46		
Intestine Large, Colon Lymphoid Tissue, Hyperplasia	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	48	1	4.0
Intestine Large, Rectum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	47		
Intestine Small, Duodenum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	45		
Intestine Small, Ileum Peyer's Patch, Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	46	2	1.0
Intestine Small, Jejunum Inflammation Peyer's Patch, Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	46	1	4.0
																										1	2.0
Liver Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0
Basophilic Focus										X													X		4		
Clear Cell Focus						X			X		X				X	X		X					X		14		
Eosinophilic Focus																									4		
Inflammation, Chronic Active												1													1	1.0	
Mineralization																									1	2.0	

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B6C3F1 MICE MALE	DAY ON TEST																								* TOTALS	
	0729	0720	0711	0702	0693	0684	0675	0666	0657	0648	0639	0630	0621	0612	0603	0594	0585	0576	0567	0558	0549	0540	0531	0522		
Control	0028	0009	0003	0004	0007	0008	0009	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	
Mixed Cell Focus																									1	
Necrosis																									3	2.7
Thrombosis																									1	2.0
Centrilobular, Atrophy																									1	2.0
Mesentery																										
Necrosis, Fatty																										
Thrombosis																										
Artery, Inflammation, Chronic Active																										
Oral Mucosa																										
Pharyngeal, Inflammation, Chronic Active																										
Pancreas																										
Inflammation																										
Salivary Glands																										
Artery, Inflammation, Chronic Active																										
Stomach, Forestomach																										
Hyperplasia, Squamous																										
Inflammation, Chronic Active																										
Stomach, Glandular																										
Dysplasia, Focal																										
Inflammation, Chronic Active																										
Mineralization																										
Necrosis																										
Tooth																										
Dysplasia																										

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

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

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

GENERAL BODY 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	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	
		2	0	1	2	3	3	3	3	3	2	3	2	2	3	3	2	3	2	3	2	3	2	2	6	
		9	2	2	9	0	0	0	0	0	9	0	9	9	0	0	9	0	9	0	9	9	9	9	2	
Control	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0
* TOTALS																										

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic Active																									1	4.0
Arteriole, Inflammation, Chronic Active																									1	1.0
Epithelium, Hypertrophy																									1	2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Ectasia	1	4			1	1				3			1		1					1			2		12	1.7
Hyperplasia																									1	2.0
Inflammation, Chronic Active				1																					3	1.7
Prostate	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Artery, Inflammation, Chronic Active																									1	1.0
Seminal Vesicle	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia, Adenomatous																									1	1.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration				1			1	1	1	3	1	1	1	2	1		1	1	1	1				29	1.3	
Mineralization																								1	2.0	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia		1								1								1							10	1.0
Myelofibrosis																						2			1	2.0
Necrosis																						1			1	1.0

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 + .. Tissue examined microscopically
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 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

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

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

B6C3F1 MICE MALE Control	DAY ON TEST		0	0	0	0	0	0	0	0	0	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	6		
	2	0	1	2	3	3	3	3	3	3	2	3	2	2	3	3	2	3	2	3	2	2	6		
ANIMAL ID		9	2	2	9	0	0	0	0	0	0	0	9	0	0	0	9	0	9	0	9	0	2		

Lymph Node
Hyperplasia, Plasma Cell

2
1 3.0

Lymph Node, Bronchial
Hyperplasia, Lymphoid

+ M + M I + I M + M I + + + I + + + + + M + +
2
30
2 2.0

Lymph Node, Mandibular
Hyperplasia, Lymphoid

+ + M M + + M + + + + + M + + M M M + M + M + + +
2 1
27
4 1.8

Lymph Node, Mediastinal
Hyperplasia, Lymphoid

+ + M + + + + M + + + M + + + I M + + M + + + M +
37
2 1.5

Lymph Node, Mesenteric
Fibrosis
Hyperplasia, Lymphoid

+ + A + + + + + + + + I + + + + + + + + + + + +
2 2 2
48
1 2.0
3 2.0

Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

+ + A +
3 1 3 1
49
13 1.4
4 1.3

Thymus
Depletion Cellular
Medulla, Hyperplasia, Lymphoid

+ + A + + + + + + I + + + + I + + + + + + + + + M
4 1 1 1 1 2
41
15 2.5
2 1.5

INTEGUMENTARY SYSTEM

Mammary Gland

M
0

Skin
Inflammation, Chronic Active

+
4
50
5 3.6

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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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

Time Report Requested: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE
Control | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 7 | 5 | 7 | 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 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 6 | |
| | | 9 | 2 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 9 | 9 | 9 | 9 | 0 | 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 | 0 | 0 | 0 | |
| | | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|---|---|--|--|---|--|--|--|--|--|--|--|--|--|---|---|---|---|-----|-------|-----|
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | 6 | 1.2 | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 2 | 1.5 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Pleura, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | 1.0 | |
| Nose | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Glands, Olfactory Epithelium, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |
| Glands, Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |
| Nasolacrimal Duct, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 3 | 1.0 | |
| Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | 2 | 1.5 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 1.0 | |
| Respiratory Epithelium, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 | |
| Respiratory Epithelium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 3 | 2.3 |
| Trachea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |

| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retinal Detachment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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
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 Species/Strain: MICE/B6C3F1

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 Antimony trioxide
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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 | 6 | |
| | | 2 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | |
| Control | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 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 |

Epithelium, Hyperplasia

1 2.0

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Mineralization | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | 2 1.0 | |
| Nephropathy | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 41 1.5 |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Calculus Gross Observation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Inflammation, Chronic Active | | | | | | X | | | | | | | | | | | | | | | | | | | 1 4.0 | |

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 + .. Tissue examined microscopically
 X .. Lesion present
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 BLANK .. Not examined microscopically

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 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 | | |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|--------------------|
| | | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 6 | 6 | | | 7 |
| | | 2 | 9 | 0 | 2 | 0 | 2 | 3 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 6 | 2 | 9 | 3 | 6 | 6 | 2 | 2 | 3 | | |
| | | 9 | 0 | 5 | 9 | 5 | 9 | 0 | 0 | 3 | 9 | 9 | 9 | 0 | 9 | 5 | 9 | 5 | 0 | 9 | 9 | 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 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 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...) |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Gallbladder
Inflammation, Chronic | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | M | M | + | + | M | + | + | + | + |
| | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| Intestine Large, Cecum
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + |
| | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | I | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Atrophy
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + |
| | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | |
| Intestine Small, Jejunum
Atrophy | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | X | | | X | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | X | X | | | | | X | | | | | | | | X | | X |
| Eosinophilic Focus | | | | | | | | | X | X | | | | | | | | X | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Syncytial Alteration | | | | | | | | | | | | | | | | | | | | | | 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
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| | 07290 | 05770 | 07772 | 07773 | 07777 | 07779 | 07779 | 07783 | 07783 | 07789 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | 07799 | |
| ANIMAL ID | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | 00200 | |
| Centrilobular, Atrophy, Chronic | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery
Necrosis, Fatty | | + | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach
Hyperkeratosis
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | 1 | 1 | | | | | | 2 | | | 1 | | | |
| Stomach, Glandular
Atrophy
Inflammation, Chronic Active
Mineralization
Artery, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Tooth
Dysplasia
Inflammation, Chronic Active | | | | | | | | | | + | 1 | | | | | | | + | | | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel
Thoracic, Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Cardiomyopathy
Artery, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 2 | 1 | | 1 | | | | | | | 1 | | | 1 | | 1 | 1 | | | |
| | | 1 | | | | | 1 | | | 1 | | | | | | 1 | | | 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 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 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | | |
| | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 4 | 7 | 7 | 6 | 6 | 7 | 0 | | |
| | 2 | 9 | 0 | 2 | 0 | 2 | 3 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 6 | 2 | 9 | 3 | 2 | 6 | 2 | 2 | 4 | 2 | 3 | 0 | | |
| | 9 | 0 | 5 | 9 | 5 | 9 | 0 | 0 | 3 | 9 | 9 | 9 | 0 | 9 | 5 | 9 | 5 | 0 | 9 | 0 | 9 | 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 | | |
| | 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 | 0 | | |
| | 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 | 0 | | |
| | 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 | 0 | |

Epicardium, Inflammation, Chronic Active
 Valve, Inflammation, Chronic Active
 Valve, Thrombosis

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Subcapsular, Hypertrophy | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Zona Fasciculata, Hypertrophy | 1 | | | | | 1 | | | | | | 1 | 1 | 1 | | 2 | 1 | | 1 | | | 1 | | | 2 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | 2 | | 1 | | | 2 | | | | | | 2 | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | 1 | | | | |
| Parathyroid Gland | + | M | M | + | M | M | + | + | M | + | M | + | + | + | + | + | + | M | + | + | M | M | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |

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
 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...) | | | | | | |
|--|-------------|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|----------|----------|----------|----------|----------|----------|
| | 07
29 | 05 | 07
09 | 07
05 | 07
09 | 07
00 | 07
03 | 07
03 | 07
09 | 07
09 | 07
09 | 07
00 | 07
03 | 07
09 | 07
05 | 07
09 | 07
00 | 07
03 | 07
09 | 07
00 | 07
03 | 07
09 | | 07
00 | 07
03 | 07
09 | 07
00 | 07
03 | 07
09 |
| Epididymis
Arteriole, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland
Ectasia
Inflammation, Chronic Active | + | 2 | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Prostate
Inflammation, Chronic Active
Artery, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes
Degeneration
Mineralization
Necrosis | + | 1 | + | 1 | + | 4 | + | 1 | + | 2 | + | 1 | + | 1 | + | 1 | + | 1 | + | 2 | + | 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 | X | X | X | X |

* .. 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 | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|------|
| | | 0729 | 0750 | 0770 | 0775 | 0777 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| Skin
Inflammation, Chronic Active
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone
Necrosis
Femur, Fibro-Osseous Lesion
Maxilla, Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | 1 | | | | | 1 | | | | | 1 | | | | | | | | | |
| Skeletal Muscle
Necrosis
Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain
Hemorrhage
Inflammation, Multifocal, Acute
Thrombosis
Arteriole, Inflammation, Chronic Active
Cerebrum, Inflammation, Acute
Meninges, Infiltration Cellular, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | + |

* .. 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 | DAY ON TEST | 0729 | 0500 | 0702 | 0705 | 0709 | 0707 | 0703 | 0703 | 0707 | 0709 | 0702 | 0703 | 0709 | 0705 | 0709 | 0703 | 0706 | 0709 | 0700 | 0702 | 0709 | 0704 | 0707 | 0606 | 0606 | 0707 | |
| | ANIMAL ID | 0020 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 |
| | | 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 | |

**males
(cont...)**

Olfactory Epithelium, Metaplasia, Respiratory
Respiratory Epithelium, Accumulation, Hyaline Droplet 1 1 1

Respiratory Epithelium, Inflammation, Acute
Respiratory Epithelium, Inflammation, Chronic Active 1 1 1 1 1

Respiratory Epithelium, Metaplasia, Squamous

Trachea
Foreign Body
Inflammation, Chronic Active
Glands, Cyst + + + + + + + + + + X + + + + + + + + + + + + 1

SPECIAL SENSES SYSTEM

Eye
Cataract + 2

Harderian Gland +

URINARY SYSTEM

Kidney
Cyst
Infarct
Metaplasia, Osseous
Nephropathy
Thrombosis
Artery, Inflammation, Chronic Active
Urinary Bladder + 1 1 4 2 1 2 2 2 1 3 2 2 1 2 2 1 2 1 1 2 1 1

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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Antimony trioxide

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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 | 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 | 5 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 4 | 7 | 7 | 6 | 6 | 7 | | | |
| | | 2 | 9 | 0 | 2 | 0 | 2 | 3 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 6 | 2 | 9 | 3 | 2 | 6 | 2 | 2 | 4 | 2 | 3 | | |
| | 3 mg/m3 | ANIMAL ID | 9 | 0 | 5 | 9 | 5 | 9 | 0 | 0 | 3 | 9 | 9 | 9 | 0 | 9 | 5 | 9 | 5 | 0 | 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 | | |
| | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | | 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 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |

Artery, 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

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BLANK .. Not examined microscopically

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Experiment Number: 20601 - 04
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 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 MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS | | | | |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------|------|------|----------------------------------|--|
| | 0632 | 0544 | 0729 | 0071 | 0761 | 0770 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | | | 0773 | 0773 | 0773 | |
| 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 | 00222233333344444444555555666689 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Gallbladder
Inflammation, Chronic | + | M | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | A | + | 41 | 1 | 3.0 |
| Intestine Large, Cecum
Inflammation, Chronic Active | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | 3 | 2.0 | |
| Intestine Large, Colon | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | |
| Intestine Large, Rectum | + | A | + | + | I | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | 42 | | | |
| Intestine Small, Duodenum | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 45 | | | |
| Intestine Small, Ileum
Atrophy
Inflammation, Chronic Active | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 44 | 1 | 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.7 | |
| Intestine Small, Jejunum
Atrophy | + | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 44 | 1 | 2.0 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Basophilic Focus | | | | | | | | | | | | | | | X | | | | | | | | | | 3 | | | |
| Clear Cell Focus | | | | | | | | | | | X | X | | X | | | | X | | | | | | 9 | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | X | X | | | | | | | | | | 5 | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Mixed Cell Focus | | | | | | | | | | X | | | | | | | | X | | | | | | 2 | | | | |
| Necrosis | | | | | | | | | | | | | | | | | 1 | | | | | | | 2 | 2.5 | | | |
| Syncytial Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 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 MALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|----------|
| | 0632 | 0634 | 0637 | 0639 | 0641 | 0643 | 0645 | 0647 | 0649 | 0651 | 0653 | 0655 | 0657 | 0659 | 0661 | 0663 | 0665 | 0667 | 0669 | 0671 | 0673 | 0675 | 0677 | 0679 | | |
| ANIMAL ID | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | |
| Centrilobular, Atrophy, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Mesentery
Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | 4 2 1.5 | |
| Pancreas | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach
Hyperkeratosis
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 2 1.5 4 1.0 | |
| Stomach, Glandular
Atrophy
Inflammation, Chronic Active
Mineralization
Artery, Inflammation, Chronic Active | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 1 2.0 4 1.3 2 1.0 1 3.0 | |
| Tooth
Dysplasia
Inflammation, Chronic Active | | | | | | | + | + | + | + | | + | + | | | | | | | | | | | | 14 13 1.4 5 2.4 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|
| Blood Vessel
Thoracic, Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 1 3.0 |
| Heart
Cardiomyopathy
Artery, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 13 1.2 10 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

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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 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0632 | 0654 | 0679 | 0671 | 0665 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0667 | 0677 | 0677 | 0677 | 0647 | 0677 | 0677 | 0673 | 0673 | 0672 | 0677 | 0677 | 0665 | |
| 3 mg/m3 | 0022 | 0022 | 0033 | 0033 | 0033 | 0033 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0056 | | |
| ANIMAL ID | 0022 | 0022 | 0033 | 0033 | 0033 | 0033 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0056 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|-----|
| Epicardium, Inflammation, Chronic Active | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Valve, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 4.0 |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 4.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|----|--|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Subcapsular, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | |
| Zona Fasciculata, Hypertrophy | | | 1 | | | 1 | | | | 1 | | 1 | 2 | | 2 | | 1 | | 2 | 1 | | | 1 | 20 | 1.3 | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Hyperplasia | | | | | | | 1 | | | 1 | | | | | | | | | 1 | | | 1 | | 8 | 1.4 | | | |
| Islets, Pancreatic | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Hyperplasia | | | | | 2 | | | | | | | | | | | | | | | | | | | 3 | 1.7 | | | |
| Parathyroid Gland | + | + | + | M | + | + | + | + | + | M | M | M | + | + | + | + | M | M | M | + | + | + | M | M | + | 32 | | |
| Pituitary Gland | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Pars Distalis, Cyst | | | | | | X | | | | | | | | | | | | | | | | | | 3 | 1.0 | | | |
| Pars Distalis, Hyperplasia | | | | | | | | 1 | | 2 | 1 | 1 | | | | | | 1 | | | | 1 | 1 | 9 | 1.1 | | | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1.0 | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 | | | |

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

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

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

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 Antimony trioxide
 CAS Number: 1309-64-4

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

| B6C3F1 MICE MALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|--------------------------------|
| | 062 | 051 | 072 | 007 | 076 | 067 | 077 | 077 | 077 | 077 | 077 | 066 | 077 | 077 | 077 | 044 | 077 | 073 | 039 | 027 | | 077 | 066 |
| ANIMAL ID | 002 | 002 | 003 | 003 | 003 | 003 | 003 | 004 | 004 | 004 | 004 | 004 | 004 | 004 | 004 | 005 | 005 | 005 | 005 | 005 | 005 | 005 | 006 |
| 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 | + | + | + | + | 1 | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
28 1.2
1 1.0
1 4.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------|
| 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 |
| | X | X | X | X | X | X | | | X | X | | X | X | | X | X | X | X | X | X | X | | |

* .. 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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 BLANK .. Not examined microscopically
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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

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 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 MALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-----|
| | 062 | 063 | 064 | 067 | 068 | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 | 078 | 079 | 080 | 083 | 084 | 085 | | 086 | 087 | 088 | 089 | 090 |
| ANIMAL ID | 00222 | 00223 | 00224 | 00225 | 00226 | 00227 | 00228 | 00229 | 00230 | 00231 | 00232 | 00233 | 00234 | 00235 | 00236 | 00237 | 00238 | 00239 | 00240 | 00241 | 00242 | 00243 | 00244 | 00245 | 00246 | |
| 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 | | | X | X | X | 32 | |
| | 1 | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | 8 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 | |
| Lymph Node, Mesenteric Angiectasis | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 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 | | | | | | | | | 2 | 14 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

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

Lab: BNW

| B6C3F1 MICE MALE
3 mg/m3 | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------|--|
| | | 06
32 | 05
14 | 07
29 | 00
71 | 07
05 | 06
11 | 07
00 | 07
00 | 07
00 | 07
00 | 07
00 | 07
00 | 07
00 | 07
00 | 06
40 | 07
30 | 07
30 | 07
04 | 07
33 | 07
33 | | 07
99 | 07
22 | 07
22 | 07
29 | 06
64 | 07
56 | 05
44 | |
| ANIMAL ID | | 00
22 | 00
22 | 00
33 | 00
33 | 00
33 | 00
33 | 00
44 | 00
44 | 00
44 | 00
44 | 00
44 | 00
44 | 00
44 | 00
55 | 00
55 | 00
55 | 00
55 | 00
55 | 00
55 | 00
68 | 00
59 | 00
00 | 00
00 | 00
00 | 00
00 | 00
00 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| 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 | + | 2 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Femur, Fibro- Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Maxilla, Fibro- Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | + | | + | | | | | | 3 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Multifocal, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | |
| Arteriole, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| Cerebrum, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Meninges, Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | | + | | 1 | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | | + | | 2 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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Experiment Number: 20601 - 04

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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Antimony trioxide

CAS Number: 1309-64-4

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Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0632 | 0544 | 0729 | 0701 | 0675 | 0770 | 0773 | 0773 | 0773 | 0773 | 0773 | 0676 | 0773 | 0773 | 0773 | 0449 | 0773 | 0773 | 0339 | 0773 | 0773 | 0676 | 0544 | * TOTALS |
| | ANIMAL ID | 0022 | 0023 | 0033 | 0033 | 0033 | 0033 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0066 | |

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 | X | 50 |
| Infiltration Cellular, Lymphocyte | 1 | 2 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | | 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 | 2 | 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 | 1 | 39 1.1 |
| Alveolus, Fibrosis | 1 | | | | 2 | | | | | | 1 | | | 1 | | | | | 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 | 1 | 2 | 1 | 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 | 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 | 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 |

* .. 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 | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|---|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|---|---|-----|-----|
| | 0632 | 0734 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | 2 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.3 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 1.3 |
| Respiratory Epithelium, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Respiratory Epithelium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 1.2 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Trachea | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Glands, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.8 |
| Harderian Gland | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Nephropathy | | | 1 | 1 | 2 | | | 1 | 2 | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | 1 | | 2 | 1 | | 2 | | | 39 | 1.6 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Urinary Bladder | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 | DAY ON TEST | 0730 | 0730 | 0729 | 0679 | 0579 | 0659 | 0561 | 0799 | 0629 | 0639 | 0735 | 0770 | 0472 | 0733 | 0733 | 0292 | 0771 | 0655 | 0724 | 0575 | 0733 | 0571 | 0772 | 0772 | males
(cont...) |
| | ANIMAL ID | 0040 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | |

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 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | + | | | | + | | | | | | | | | | | | | | | | | |

* .. 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
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------|------|---|---|---|
| | 0730 | 0733 | 0732 | 0720 | 0722 | 0700 | 0706 | 0705 | 0765 | 0757 | 0766 | 0766 | 0776 | 0777 | 0744 | 0774 | 0722 | 0755 | 0722 | 0755 | | | 0733 | 0777 | 0711 | 0729 | | | |
| Hemorrhage
Inflammation, Chronic Active
Necrosis, Fatty
Thrombosis | 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 | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | | | | |
| Stomach, Forestomach
Hyperkeratosis
Inflammation, Chronic Active
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 2 | 1 | | |
| Stomach, Glandular
Mineralization
Necrosis
Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 2 | | | |
| Tooth
Dysplasia
Inflammation, Chronic Active | + | 1 | | | | | | | + | 1 | | | | + | + | + | + | | | | | | | + | 2 | 2 | 1 | 3 | 4 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel
Media, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Heart
Cardiomyopathy
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 MALE
10 mg/m3 | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|------------------------------|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|
| | 0730 | 0730 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | 0720 | | 0720 |
| | 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 | 6 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 7 | 4 | 7 | 2 | 5 | 6 | 7 | 5 | 7 | 5 | 7 |
| | 3 | 3 | 2 | 0 | 2 | 0 | 7 | 9 | 2 | 3 | 3 | 7 | 3 | 3 | 9 | 3 | 7 | 2 | 5 | 2 | 5 | 3 | 7 | 1 |
| | 0 | 0 | 9 | 7 | 9 | 9 | 6 | 1 | 9 | 9 | 9 | 5 | 0 | 0 | 2 | 0 | 9 | 1 | 5 | 4 | 0 | 6 | 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 | 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 | 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 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 2 | 2 | 2 | 2 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Epididymis
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland
Ectasia
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 2 | | | 1 | | | | | | 1 | | 4 | | | | | | | 2 | 1 | | | 1 3 |
| 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 | | | | | 1 |
| Lymph Node, Mandibular | M | M | + | + | M | + | M | + | M | M | M | + | + | + | + | M | + | + | M | M | M | M | + | + |

* .. 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
10 mg/m3 | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|--------------------|
| | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | | |
| Foreign Body | | | X | X | | | | | X | | | | | | X | | | | | | | | | | | | | | X | | |
| Hyperplasia, Lymphoid | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 2 |
| Infiltration Cellular, Histiocyte | | | | | 1 | 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 | X | X | X | X | X | X | | |
| Hyperplasia, Lymphoid | | | 2 | 2 | 2 | | 1 | | 2 | | 3 | | 2 | | | | | | 2 | | 2 | | 1 | 2 | | | | 1 | 1 | | |
| Infiltration Cellular, Histiocyte | | | | | 1 | | | 1 | 1 | | | | 1 | | | | | | | | | | | 1 | | 1 | | 1 | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Ectasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hematopoietic Cell Proliferation | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 |
| Hyperplasia, Lymphoid | 1 | | | | 1 | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Depletion Cellular | 2 | | | 4 | 2 | | 4 | 4 | 1 | | | 4 | 3 | 4 | 4 | 1 | | 2 | 2 | 4 | 4 | 2 | | 4 | 4 | | 4 | 1 | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Medulla, Hyperplasia, Lymphoid | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |

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

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
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 | 0 | ANIMAL ID | males
(cont...) | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|
| | 0 | 7 | 7 | 7 | 6 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 7 | 4 | 7 | 2 | 5 | 6 | 7 | 5 | 7 | 5 | 7 | | | 7 |
| | | 3 | 3 | 2 | 0 | 2 | 0 | 7 | 9 | 2 | 3 | 3 | 9 | 3 | 7 | 2 | 5 | 2 | 5 | 2 | 5 | 3 | 7 | 1 | 2 | | | |
| | | 0 | 0 | 0 | 9 | 7 | 9 | 6 | 1 | 9 | 9 | 5 | 0 | 0 | 0 | 2 | 0 | 1 | 5 | 9 | 4 | 0 | 6 | 6 | 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 | | | |
| | | 4 | 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 | 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 | 2 | | | |
| Mammary Gland | | 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 | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone
Femur, Fibro-Osseous Lesion | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle
Metaplasia, Cartilagenous | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain
Hemorrhage
Thrombosis
Meninges, Infiltration Cellular, Lymphoid | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx
Foreign Body
Inflammation, Chronic Active
Respiratory Epithelium, Hyperplasia
Respiratory Epithelium, Metaplasia, Squamous
Squamous Epithelium, Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | X | X | | X | | | | | | X | X | | X | X | X | | X | X | | | X | X | | X | | | |
| | | 1 | | | 1 | | | | | | | | 1 | | 2 | | | | | | 1 | 1 | | | | | | |
| | | 1 | | 1 | | | | | | | | | | 1 | 1 | 1 | 2 | | | | | 1 | 1 | | | | | |
| | | | | | 1 | 1 | | | | | | | | 1 | 1 | 1 | | | | | 1 | | | | | | | |
| | | | | | | | 2 | 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 | X | X | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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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
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|------------------|------------------|------------------|------------------|
| | 0
7
3
0 | 0
7
3
0 | 0
7
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7 | 0
7
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5 | 0
7
2
4 | | | 0
5
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0 | 0
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3
6 | 0
5
7
9 | 0
7
1
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 | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20601 - 04

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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

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|---|
| B6C3F1 MICE MALE | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | males
(cont...) | | | | | |
| | | 7 | 7 | 7 | 6 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 7 | 4 | 7 | 2 | 5 | 6 | 7 | 5 | | | 7 | 5 | 7 | 2 |
| | | 3 | 3 | 2 | 0 | 2 | 0 | 7 | 9 | 2 | 3 | 3 | 7 | 3 | 3 | 9 | 3 | 7 | 2 | 5 | 2 | 5 | | | 3 | 7 | 1 | 2 |
| 10 mg/m3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 4 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Squamous Epithelium, Hyperplasia | | | 1 | | 2 | | | | | | | | | | 1 | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Nephropathy | 1 | 1 | 2 | 1 | 1 | | | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | | 2 | | 1 | 2 | | 2 | 1 |
| Glomerulus, Hyalinization | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | I | | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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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 | 6 | 7 | 7 | 2 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | | 7 |
| | | 3 | 6 | 3 | 3 | 5 | 3 | 6 | 2 | 2 | 3 | 4 | 3 | 2 | 3 | 8 | 3 | 2 | 6 | 2 | 2 | 3 | 0 | 6 | 6 | | 3 |
| 10 mg/m3 | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 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 | 4 | 4 | | |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 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 | 6 | 8 | 9 | * TOTALS |

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 |

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X .. Lesion present

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| B6C3F1 MICE MALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0730 | 0660 | 0730 | 0773 | 0253 | 0743 | 0776 | 0777 | 0777 | 0676 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0676 | 0777 | 0777 | 0676 | | 0777 |
| ANIMAL ID | 00428 | 00442 | 00443 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 4 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 4 |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | 3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 4 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | 1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | 2 |
| Tooth | | | | | | | | | | | | | | | | | | | | | | 14 |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | 3 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Media, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | 2 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 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 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 | 6 | 7 | 7 | 2 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 7 |
| | | 3 | 6 | 3 | 3 | 5 | 3 | 6 | 2 | 2 | 3 | 4 | 3 | 2 | 3 | 8 | 3 | 2 | 6 | 2 | 7 | 2 | 0 | 3 | 0 | 6 |
| 10 mg/m3 | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 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 | 4 | 4 | 4 |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 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 | 6 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

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

ENDOCRINE SYSTEM

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

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

| B6C3F1 MICE MALE
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 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 6 | 7 | 7 | 2 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | |
| | | 3 | 6 | 3 | 3 | 5 | 3 | 6 | 2 | 2 | 3 | 4 | 3 | 2 | 3 | 8 | 3 | 2 | 6 | 2 | 2 | 0 | 3 | 0 | |
| | | 0 | 6 | 0 | 0 | 3 | 0 | 8 | 9 | 9 | 0 | 6 | 0 | 9 | 0 | 1 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 9 | |
| | | 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 | |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 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 | 6 | |

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|--|
| Bone Marrow
Hyperplasia
Thrombosis | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 27 | 1.0 | |
| | | | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 2.0 | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Lymph Node, Bronchial
Foreign Body
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 47 | 47 | 1.8 | |
| | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | 26 | 1.8 | |
| | 1 | 1 | 2 | 3 | | 1 | 1 | 2 | 3 | 1 | | 2 | 2 | 2 | | 2 | 2 | | 1 | | 1 | | 2 | | 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
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| | 0730 | 0663 | 0773 | 0773 | 0253 | 0736 | 0462 | 0772 | 0772 | 0772 | 0673 | 0772 | 0772 | 0673 | 0772 | 0673 | 0772 | 0673 | 0772 | 0673 | | 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 | | | | | | | | | | | | | | 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
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| B6C3F1 MICE MALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|
| | 0
7
3
0 | 0
6
6
6 | 0
7
3
0 | 0
7
3
0 | 0
2
5
3 | 0
7
3
0 | 0
4
6
8 | 0
7
2
9 | 0
7
2
9 | 0
7
3
0 | 0
6
2
6 | 0
7
3
0 | 0
7
2
9 | 0
6
3
1 | 0
7
2
0 | 0
6
2
9 | 0
7
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9 | 0
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5 | 0
7
3
0 | 0
6
0
1 | | 0
7
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9 | 0
6
3
5 | 0
7
0
5 | 0
6
6
8 | 0
7
3
9 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0
4
2
8 | 0
4
2
9 | 0
4
3
3 | 0
4
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4 | 0
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6 | 0
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7 | 0
4
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8 | 0
4
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9 | 0
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0 | 0
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1 | 0
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2 | 0
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3 | 0
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4 | 0
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5 | 0
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6 | 0
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7 | 0
4
4
8 | 0
4
5
9 | 0
4
5
1 | 0
4
5
2 | 0
4
5
3 | 0
4
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4 | 0
4
5
5 | 0
4
5
6 | 0
4
5
7 | 0
4
5
8 | 0
4
5
9 | |
| 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 | 4 |
| Skin
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 4.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone
Femur, Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
3 1.3 |
| Skeletal Muscle
Metaplasia, Cartilagenous | | | | | | | | | | | | | | | + | | | | | | | | | | | | 1
1 1.0 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain
Hemorrhage
Thrombosis
Meninges, Infiltration Cellular, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 1.0
1 1.0
1 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx
Foreign Body
Inflammation, Chronic Active
Respiratory Epithelium, Hyperplasia
Respiratory Epithelium, Metaplasia, Squamous
Squamous Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
29
7 1.3
15 1.1
8 1.0
4 1.3 |
| Lung
Foreign Body | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
50 |

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Time Report Requested: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|-----------|------------|------------|------|
| | 0730 | 0663 | 0773 | 0775 | 0777 | 0778 | 0779 | 0780 | 0781 | 0782 | 0783 | 0784 | 0785 | 0786 | 0787 | 0788 | 0789 | 0790 | 0791 | 0792 | | 0793 | 0794 | 0795 | 0796 | 0797 | 0798 | 0799 |
| | 0042 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 |
| 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 | 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 | |

* .. 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

10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | 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 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | X | | 1 | | |
| Metaplasia, Squamous Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | |
| Cataract | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 | 1.5 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Infarct | | | | | | | | | | | | | | | | | | | | | 4 | | | 1 | 4.0 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 | |
| Metaplasia, Osseous | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| Nephropathy | 1 | 1 | 2 | 1 | | 1 | | 1 | 1 | | 4 | 1 | | 2 | 4 | 2 | 1 | 1 | 2 | 3 | | 2 | | 4 | 38 | 1.7 |
| Glomerulus, Hyalinization | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Urinary Bladder | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |

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

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

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

Time Report Requested: 09:59:55

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

Lab: BNW

| B6C3F1 MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males (cont...) |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | 0729 | 0744 | 0766 | 0772 | 0763 | 0765 | 0776 | 0766 | 0757 | 0777 | 0777 | 0777 | 0766 | 0755 | 0766 | 0766 | 0766 | 0777 | 0766 | 0777 | 0772 | 0772 | 0766 | 0745 | 0756 | |
| 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 | 0000 | 0000 | |
| | 6601 | 6602 | 6603 | 6604 | 6605 | 6606 | 6607 | 6608 | 6600 | 6601 | 6602 | 6603 | 6604 | 6605 | 6606 | 6608 | 6609 | 6600 | 6601 | 6602 | 6603 | 6604 | 6605 | 6606 | 6607 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder
Inflammation, Chronic | + + + + + 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 | + 1 + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum
Inflammation
Mineralization
Peyer's Patch, Hyperplasia, Lymphoid | + 3 + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Eosinophilic Focus, Multiple
Hepatodiaphragmatic Nodule | +
X X
X X
X X
X X
X X | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

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 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 MALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|
| | 0729 | 0744 | 0766 | 0776 | 0766 | 0767 | 0766 | 0765 | 0777 | 0777 | 0777 | 0766 | 0755 | 0766 | 0766 | 0766 | 0767 | 0766 | 0777 | 0777 | 0766 | 0744 | 0755 | 0766 | | | 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 | 00006001 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Necrosis, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
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 Antimony trioxide
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 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 | 6 | 7 | 6 | 7 | 7 | 6 | 4 | 5 |
| 30 mg/m3 | ANIMAL ID | 2 | 7 | 9 | 2 | 3 | 6 | 3 | 9 | 7 | 2 | 3 | 1 | 7 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 9 | 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 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 |

males
(cont...)

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 | |
| Artery, Inflammation, Chronic Active | | | 2 | | | 2 | | | | 2 | | | | | | | | | | | 1 | | | |
| Atrium, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Epicardium, Fibrosis | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Epicardium, Inflammation, Chronic Active | | | | 3 | | 2 | | | 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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| 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 | 6 | 4 | 5 | 6 | 4 |
| 30 mg/m3 | ANIMAL ID | 2 | 7 | 9 | 2 | 3 | 6 | 3 | 9 | 7 | 2 | 3 | 3 | 1 | 7 | 4 | 3 | 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 | 6 | 0 | 9 | 9 | 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 | 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 |
| | | 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 |
| | | 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 | |
| Thyroid Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peritoneum | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Arteriole, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ectasia | | | | 1 | | | 3 | | | | 1 | 1 | | | | | | | | 1 | 1 | 1 | | | | 2 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Prostate | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Seminal Vesicle | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Testes | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Degeneration | | 1 | 2 | | | | 1 | 1 | | | 1 | | 1 | | | | 1 | | 1 | | 1 | 1 | | | | 3 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | 2 | 1 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | | | | | 1 | 1 | | 1 | | 1 | | 1 | |
| Necrosis | | | | | | 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

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | | | | | | | | | | | | | | |
|------------------|-----------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| B6C3F1 MICE MALE | ANIMAL ID | 0729 | 0479 | 0661 | 0729 | 0662 | 0767 | 0663 | 0599 | 0772 | 0773 | 0676 | 0595 | 0666 | 0663 | 0663 | 0773 | 0664 | 0773 | 0669 | 0492 | | 0772 | 0666 | 0493 | 0572 | 0664 | 0772 | 0493 | 0562 | 0772 | 0493 | 0562 | 0772 | 0493 | 0562 | 0772 | 0493 | 0562 |
| | | 0006001 | 0006002 | 0006003 | 0006004 | 0006005 | 0006006 | 0006007 | 0006008 | 0006009 | 0006010 | 0006011 | 0006012 | 0006013 | 0006014 | 0006015 | 0006016 | 0006017 | 0006018 | 0006019 | 0006020 | | 0006021 | 0006022 | 0006023 | 0006024 | 0006025 | 0006026 | 0006027 | 0006028 | 0006029 | 0006030 | 0006031 | 0006032 | 0006033 | 0006034 | 0006035 | 0006036 | 0006037 |

Lymph Node +

Lymph Node, Bronchial Foreign Body X X X X X X X X X X X X X X X X M X X X X X X
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte 1 2 1 2 2 3 2

Lymph Node, Mandibular Foreign Body X X X X X X X X X X X X X X X M X X X X X
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte 1 3 1

Lymph Node, Mediastinal Angiectasis X
Foreign Body 2 2 3 2 3 X X 2 2 2 2 2 2 2 1 1 X X X X X
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte 3 3 1 1 2 1 1 1 2 2 2 1 1 1 3 2 2
Artery, Necrosis, Fibrinoid 3 3

Lymph Node, Mesenteric Angiectasis Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte + 2 2

Spleen Angiectasis Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Artery, Necrosis, Fibrinoid + 1 3 2 2 1 2 2 1 2

* .. 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 MALE
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 | ANIMAL ID | males
(cont...) | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|---|
| | | 7 | 4 | 6 | 7 | 6 | 6 | 7 | 6 | 5 | 7 | 7 | 7 | 6 | 5 | 6 | 6 | 6 | 7 | 6 | 7 | 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 | 0 | 0 |
| | | 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 | 0 | 0 |
| | | 0 | 0 | 0 | 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 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Thymus | + | + | + | M | M | + | + | + | M | + | + | + | M | + | + | + | + | + | I | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Depletion Cellular | | | | | | 4 | 2 | 4 | | 4 | | | | 4 | 4 | 4 | 4 | 4 | | 3 | 2 | 4 | 4 | 4 | 4 | |
| Medulla, Hyperplasia, Lymphoid | | | | | | | 1 | | | | | | | | | | | | | 2 | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 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 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | | 4 | | | 4 | 4 | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cerebrum, Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 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 MALE
30 mg/m3 | DAY ON TEST | 0
7
2
9 | 0
4
7
4 | 0
6
9
1 | 0
7
2
9 | 0
6
3
5 | 0
6
6
0 | 0
7
3
0 | 0
6
9
6 | 0
5
7
9 | 0
7
2
9 | 0
7
3
0 | 0
6
1
2 | 0
5
7
9 | 0
6
4
6 | 0
6
3
9 | 0
6
3
2 | 0
7
4
0 | 0
6
3
6 | 0
7
3
0 | 0
7
2
9 | 0
6
2
9 | 0
7
2
9 | 0
6
7
6 | 0
4
7
2 | 0
5
3
6 | males
(cont...) | | | |
|--------------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|
| | ANIMAL ID | 0
6
0
1 | 0
6
0
2 | 0
6
0
3 | 0
6
0
4 | 0
6
0
5 | 0
6
0
6 | 0
6
0
7 | 0
6
0
8 | 0
6
0
0 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
1 | 0
6
0
2 | 0
6
0
2 | 0
6
0
2 | 0
6
0
2 | 0
6
0
2 | 0
6
0
3 | | 0
6
0
4 | 0
6
0
5 | 0
6
0
6 |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | 1 | 4 | 2 | 1 | 2 | 1 | 2 | 4 | 1 | 1 | 1 | | 3 | | | | 1 | | 1 | 1 | 1 | 2 | 2 | 1 | | 4 | | | |
| Artery, Inflammation, Chronic Active | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. 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 | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0646 | 0652 | 0653 | 0654 | 0655 | 0656 | 0657 | 0658 | 0659 | 0660 | 0661 | 0662 | 0663 | 0664 | 0665 | 0666 | 0667 | 0668 | 0669 | 0670 | |
| ANIMAL ID | 00628 | 00663 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | |
| Inflammation, Chronic Active | | | | | | 3 | | | | | | | | 1 | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | 2 | | | | | 2 | | | | | 4 | 2 | | | 1 | |
| Pigmentation | | | | | | | | | | | | | 1 | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | + | | + | | | | | | | | | | | 5 | |
| Cyst, Squamous | | | | | | 2 | | | | | | | | | | | | | | 1 | |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | 1 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | 1 | | | | | | | | | 2 | |
| Artery, Necrosis, Chronic Active | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperkeratosis | | | 3 | | 2 | | | | | | | | | | | | | | | 3 | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | 2 | | 3 | |
| Inflammation, Chronic Active | | | 3 | | | | | 1 | | | | | | | 1 | | | | | 7 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | 2 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 1 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | 1 | |
| Tooth | | | | | | | | | | | | | | + | | | | | + | 6 | |
| Dysplasia | | | | | | | | | | | | | | 3 | | | | | 1 | 6 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | 3 | | | | | | 3 | |

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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Experiment Number: 20601 - 04

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

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

Lab: BNW

| B6C3F1 MICE MALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|--------|-------|
| | 0646 | 0661 | 0659 | 0653 | 0664 | 0656 | 0667 | 0677 | 0676 | 0664 | 0675 | 0667 | 0649 | 0679 | 0652 | 0672 | 0665 | 0677 | 0657 | 0677 | | 0676 | 0646 | |
| 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 | | I | + | + | 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 | 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
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Antimony trioxide

CAS Number: 1309-64-4

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Lab: BNW

| B6C3F1 MICE MALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|----------|
| | 0646 | 0649 | 0652 | 0653 | 0656 | 0657 | 0667 | 0677 | 0677 | 0676 | 0654 | 0676 | 0644 | 0677 | 0655 | 0677 | 0666 | 0655 | 0677 | 0677 | | 0677 | 0664 |
| ANIMAL ID | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | |
| | 6628 | 6622 | 6633 | 6633 | 6633 | 6633 | 6633 | 6634 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 | 6644 |
| Thymus | + | + | + | + | M | + | + | I | + | I | + | + | + | + | + | + | + | + | + | + | + | + | 39 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Depletion Cellular Medulla, Hyperplasia, Lymphoid | 4 | 4 | | 2 | | 4 | 2 | | 4 | | 4 | 3 | 3 | | 4 | 4 | 4 | 3 | | 1 | 4 | 3 | 4 32 3.5 |
| | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | + | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 3 4.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Femur, Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Maxilla, Osteomalacia | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Synovial Tissue, Inflammation, Chronic | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Skeletal Muscle | | | + | | | | | | | | | | | | | | | | | | | | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cerebrum, Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 | 44 |
| Inflammation, Chronic Active | | | 2 | | | | | 1 | | | 2 | | | | | | | | | | | | 11 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 MALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|--------|--------|
| | 0646 | 0661 | 0659 | 0653 | 0664 | 0656 | 0667 | 0677 | 0676 | 0664 | 0657 | 0666 | 0644 | 0677 | 0655 | 0677 | 0665 | 0677 | 0657 | 0677 | | 0664 | 0676 | | | |
| ANIMAL ID | 00628 | 00662 | 00663 | 00663 | 00663 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | | | | |
| 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 | | | 13 1.2 | | |
| Squamous Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 2 | 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 | 50 | | |
| Infiltration Cellular, Lymphocyte | 2 | | 4 | 3 | 4 | 4 | 2 | | 2 | 2 | 4 | 4 | | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 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 | 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 | 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 | 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 | 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 | 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 FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0731 | 0605 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | | |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
| | 0010 | 0011 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | 0010 | |
| Artery, Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach
Hyperkeratosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular
Inflammation, Chronic Active
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart
Cardiomyopathy
Necrosis, Acute | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Valve, Inflammation, Chronic Active | 2 2 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Zona Fasciculata, Hypertrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 2 1 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 2 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
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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 FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0731 | 0605 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | |
| 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 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
 + .. 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
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 | ANIMAL ID | females
(cont...) |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 2 | 6 | 7 | 7 | | | |
| | 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 | 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 | 0 | |
| | 0 | 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 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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 | 1 | |

Medullary Sinuses, Dilatation

3

Lymph Node, Mesenteric
Inflammation, Chronic

+ +

Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

+
 2 2 3 1 3 3 2 1 2 1 1 2

Thymus
Angiectasis
Depletion Cellular
Inflammation, Chronic Active
Medulla, Hyperplasia, Lymphoid

+
 1
 2 1 1 1 2

INTEGUMENTARY SYSTEM

Mammary Gland
Hypertrophy

+
 1

Skin
Inflammation, Chronic Active

+
 3

MUSCULOSKELETAL SYSTEM

Bone
Femur, Fibro-Osseous Lesion

+
 2 4 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Skeletal Muscle
Hemorrhage
Artery, Inflammation, Chronic Active

+
 3 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
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Experiment Number: 20601 - 04

Test Type: CHRONIC

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Antimony trioxide

CAS Number: 1309-64-4

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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 | 0 | 0 | females
(cont...) | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 2 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | Control | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 9 | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | | 3 |
| | | 1 | 5 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 1 | 5 | 4 | 2 | 1 | 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 | 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 | 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 | 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 | |

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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Bronchiole, Epithelium, Hyperplasia
 Mediastinum, Inflammation, Acute
 Pleura, Fibrosis
 Pleura, Inflammation

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body | X | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Glands, Olfactory Epithelium, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | | 1 | 1 | 1 | 1 | | | | 1 | 1 | | 1 | | 2 | | 1 | | 1 | | |
| Olfactory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Turbinates, Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | |
| Vomeranaseal Organ, Necrosis | | | | | | | | | | | | 1 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Glands, Metaplasia, Cartilaginous | | | | | | | | | | | | | | | | | | | | | | | | 2 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 | | |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|-------------------|
| | 0 | 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 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 2 | 6 | 7 | 7 | 0 | |
| | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 9 | 3 | 5 | 1 | 3 | 3 | 0 | |
| | 1 | 5 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 1 | 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 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 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 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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 | 0 | females (cont...) |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | |
| 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 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 | 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 |
| Control | | 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 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 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 | 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 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Cecum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | A | + | + | + | + | + | + | I | + | + | + | A | I | + | + | + | + | + | + | + | + | + | 44 |
| Intestine Small, Duodenum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.8 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.8 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

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

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

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

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 07
25 | 07
23 | 07
31 | 05
51 | 05
76 | 07
32 | 07
32 | 07
22 | 07
76 | 07
71 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 07
33 | 06
84 | 07
32 | 07
33 | | 07
33 | 06
22 | 04
72 | 07
33 | 07
37 | 06
73 | 07
32 |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | 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 | 01 | |
| | 02 | 02 | 03 | 03 | 03 | 03 | 03 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | |
| | 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 | 01 | 02 | |
| Artery, Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | | | | | | | 2 3.0 | | | | | | | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| Stomach, Forestomach
Hyperkeratosis | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| Stomach, Glandular
Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 2 1.0 | | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel
Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | | | | | |
| Heart
Cardiomyopathy | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| Necrosis, Acute | | | | | | | | | | | | | | | | | | | | | 11 1.0 | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | | | | | |
| Valve, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 10 1.2 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Zona Fasciculata, Hypertrophy | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 12 1.3 | | | | | | | |
| Adrenal Medulla
Hyperplasia | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 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
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | 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 |
| | 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 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 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 | 7 | 8 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Islets, Pancreatic
Hyperplasia, Adenomatous | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 2.0 | |
| Parathyroid Gland
Cyst | + | + | + | M | + | + | + | + | M | + | M | + | + | M | M | + | M | + | M | M | + | + | + | M | + | 27 | 1 | 1.0 |
| Parathyroid Gland
Hypertrophy | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pituitary Gland
Pars Distalis, Cyst | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 2 | 1.5 | |
| Pituitary Gland
Pars Distalis, Hyperplasia | | | | | | | | | 1 | | | | | 1 | | 1 | | 1 | | 1 | | | | 1 | | 15 | 1.1 | |
| Thyroid Gland
Follicular Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 1.0 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Clitoral Gland
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 1.0 |
| Ovary
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 4.0 |
| Ovary
Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |
| Ovary
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |
| Ovary
Bursa, Cyst | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Ovary
Follicle, Cyst | | | | X | | | | | X | | | | | X | | | | | | | X | | | | | 1 | 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| B6C3F1 MICE FEMALE
Control | 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 | | 077 |
| ANIMAL ID | 001 | 001 | 001 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | |
| Oviduct | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Inflammation, Chronic Active | | | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Endometrial Glands, Endometrium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Endometrium, Hyperplasia, Cystic | 2 | 2 | 1 | 2 | | 3 | 2 | 3 | 1 | 1 | 3 | 2 | 2 | 3 | 1 | 4 | 4 | 3 | 1 | 2 | 3 | 1 | 2 | | 3 | 41 2.2 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lymph Node, Bronchial | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | M | M | M | M | + | + | + | + | 41 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 | |
| Inflammation, Acute | | | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lymph Node, Mandibular | + | + | + | + | + | M | + | + | + | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | M | 41 | |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 7 1.1 | |
| Lymph Node, Mediastinal | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | 46 | |
| Inflammation, Acute | | | | 4 | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | 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
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0725 | 0723 | 0731 | 0551 | 0557 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0667 | 0777 | 0777 | 0777 | 0667 | 0447 | | 0777 | 0777 | 0667 |
| ANIMAL ID | 00128 | 00112 | 00113 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 | 00100 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Medullary Sinuses, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Lymph Node, Mesenteric Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 2.0 |
| Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid | 3 | | | | 2 | | 1 | 1 | | | | | | 1 | | | 1 | | 1 | 1 | | | | | 50 | 17 | 2.0 |
| Thymus Angiectasis Depletion Cellular Inflammation, Chronic Active Medulla, Hyperplasia, Lymphoid | 4 | | | 2 | | | | | | | 2 | | | | | | | | | 2 | 2 | 2 | 1 | | 47 | 1 | 1.0 |
| | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 9 | 1.9 |
| | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| | | | | | | | 1 | | | 1 | 1 | | 1 | | | | | | 1 | | | | 1 | | | 13 | 1.2 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Mammary Gland Hypertrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 1.0 |
| Skin Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 | 3.5 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|--|---|---|--|--|--|---|--|---|--|---|---|--|---|--|--|--|--|--|--|----|----|-----|
| Bone Femur, Fibro-Osseous Lesion | 3 | 2 | | 1 | | 1 | 1 | | | | | | 2 | | 2 | 2 | | 2 | | | | | | | 50 | 21 | 1.8 |
| Skeletal Muscle Hemorrhage Artery, Inflammation, Chronic Active | | | | + | | | | | | | + | | | | | | | | | | | | | | 4 | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 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
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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
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 | 0 | 0 | * TOTALS | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | ANIMAL ID | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 | 7 | 7 | 3 | | 0 |
| | | 2 | 3 | 3 | 5 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 7 | 3 | 3 | 0 | | |
| | | 5 | 1 | 1 | 1 | 6 | 2 | 2 | 2 | 6 | 1 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 7 | 3 | 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 | | |
| | | 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 | 1 | | |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 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 | | | |

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 | | 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
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
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 Lab: BNW

| B6C3F1 MICE FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 07
25 | 07
23 | 07
31 | 05
51 | 05
76 | 07
72 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | 07
73 | |
| ANIMAL ID | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | |
| Bronchiole, Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mediastinum, Inflammation, Acute | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Pleura, Fibrosis | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 1.0 |
| Pleura, Inflammation | | | | 1 | | | | 2 | | | 1 | 1 | | | | | | | | | | | | | 4 1.3 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Glands, Olfactory Epithelium, Dilatation | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 1.0 |
| Lumen, Hyperkeratosis | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | 1 | | | | 1 | 1 | | | | | | 1 | 1 | | 1 | | | | 1 | | | 1 | | 18 1.1 | |
| Olfactory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 2 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | 2 | 1 | 1 | | | | 1 | | 1 | 1 | 29 1.1 | |
| Respiratory Epithelium, Inflammation, Acute | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Respiratory Epithelium, Inflammation, Chronic Active | | | | | | | | | | | | | 2 | | | | | | | | | | | | 2 1.5 |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Turbinate, Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Vomeranasal Organ, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Chronic Active | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | 2 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Glands, Metaplasia, Cartilagenous | | | | 2 | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | 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

| 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 | 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 | 7 | 7 | | |
| Control | | 2 | 3 | 3 | 5 | 7 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 7 | 7 | 3 | 2 | | |
| | | 5 | 1 | 1 | 1 | 6 | 2 | 2 | 2 | 6 | 1 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 7 | 3 | 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 | 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 | 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 | 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 | 49 | |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | | | |
| Harderian Gland Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney Infarct | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | |
| Nephropathy | | 1 | 1 | | | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | | 2 | 1 | | 1 | | 35 1.2 | | |
| Urinary Bladder Hyperplasia, Lymphoid | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|--------------------|---------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|---|---|
| | | 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 | 7 | 3 | 3 | 9 | 4 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 1 | 3 | 0 | |
| | | 0 | 1 | 1 | 1 | 0 | 5 | 1 | 1 | 9 | 2 | 9 | 2 | 2 | 7 | 5 | 1 | 2 | 9 | 2 | 1 | 2 | 1 | 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 | 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 | 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 |

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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Clear Cell Focus | | | | | | X | | | | | | | | | | | | | X | | X | | | |
| Liver Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | X |
| Liver Fatty Change | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | |
| Liver Inflammation, Chronic Active | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | |
| Liver Mineralization | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver Necrosis | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Liver Tension Lipidosis | | | | | | | | | 1 | | | | | | | | | | | | | | | 2 |
| Liver 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
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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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
6
6
0 | 0
6
7
1 | 0
7
3
1 | 0
7
3
1 | 0
5
9
0 | 0
6
4
5 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
6
3
2 | 0
6
6
7 | 0
6
7
5 | 0
7
3
1 | 0
7
3
2 | 0
5
3
9 | 0
7
3
2 | 0
7
3
1 | 0
5
3
1 | | 0
7
3
1 | 0
7
3
1 | 0
6
3
1 | | | |
| B6C3F1 MICE FEMALE
3 mg/m3 | ANIMAL ID | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | |
| | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
1
0 | 0
0
3
1
1 | 0
0
3
1
2 | 0
0
3
1
3 | 0
0
3
1
4 | 0
0
3
1
5 | 0
0
3
1
6 | 0
0
3
1
7 | 0
0
3
1
8 | 0
0
3
2
9 | 0
0
3
2
0 | 0
0
3
2
1 | | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 | 0
0
3
2
6 | 0
0
3
2
7 |
| Centrilobular, Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | + | | + | | + | + | | | | | | | | | | + | | | | | | | | | + | | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Fatty | | | | 2 | | 2 | | | | | | | | | | | | | | | | 2 | | | | | 2 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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 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
(cont...) | | | | |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|
| | 0660 | 0670 | 0673 | 0673 | 0675 | 0676 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0676 | 0666 | 0666 | 0667 | 0667 | 0667 | 0665 | 0667 | | | 0667 | 0667 | 0665 | 0667 |
| 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 | 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 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 2 | 3 | 4 | 5 | 6 | 7 |

Inflammation, Chronic Active

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel Mineralization | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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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 + .. Tissue examined microscopically
 X .. Lesion present
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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 FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
| | 0660 | 0676 | 0733 | 0733 | 0594 | 0643 | 0733 | 0733 | 0731 | 0731 | 0733 | 0666 | 0666 | 0733 | 0733 | 0535 | 0733 | 0733 | 0733 | 0571 | 0733 | | | 0666 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0030
0033
0001 | |

Pars Distalis, Cyst
Pars Distalis, Hyperplasia

1
1 2 1

Thyroid Gland

+ +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
Inflammation, Chronic Active

+ + + + M + + + + + + + + M + + M + + + + M + +

Ovary
Bursa, Cyst
Follicle, Cyst

+ + + + + + + + + + X + + + + + + + + + + + + + +
X
X X

Uterus
Inflammation, Chronic Active
Endometrium, Hyperplasia, Cystic
Serosa, Cyst

+
2 1 2 2 2 1 2 3 1 2 2 2 3 3 3 1 4 3 1 2 3 2
2

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia

+
1 1 1

Lymph Node
Iliac, Angiectasis
Renal, Angiectasis

+
+ + +

* .. 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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(cont...) | |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
| | 0660 | 0676 | 0733 | 0733 | 0594 | 0633 | 0733 | 0733 | 0731 | 0733 | 0733 | 0733 | 0666 | 0666 | 0733 | 0733 | 0573 | 0733 | 0733 | 0573 | | | 0733 |
| Lymph Node, Bronchial | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Foreign Body | X | 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 | + | M |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | |

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| B6C3F1 MICE FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|
| | 0660 | 0673 | 0673 | 0675 | 0676 | 0677 | 0677 | 0677 | 0677 | 0677 | 0677 | 0676 | 0666 | 0666 | 0667 | 0667 | 0665 | 0677 | 0677 | 0675 | | | 0677 | 0677 | 0675 | 0677 |
| | 0 | 0 | 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 | 7 | 3 | 3 | 9 | 4 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 5 | 3 | 3 | 3 | 1 | 1 | 3 | 0 | 0 | |
| | 0 | 1 | 1 | 1 | 0 | 5 | 1 | 1 | 9 | 2 | 9 | 2 | 2 | 7 | 5 | 1 | 2 | 9 | 2 | 1 | 2 | 1 | 3 | 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 | 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 | 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 | |

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | 1 | | | | 1 | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | 1 | | | | | | 3 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | 1 | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

females (cont...)

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 | X | X | X | X |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 2 | | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | | 3 | | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | | | |
| Inflammation, Chronic Active | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | | 2 | 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 | 1 | 1 | 1 |
| Pleura, Fibrosis | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | 1 | 1 | 1 | 1 | 1 |
| Pleura, Inflammation | 1 | 1 | 2 | | | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | | | | | | | | 1 | 1 | 2 | | 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 | X | X |
| Nasolacrimal Duct, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | 1 | 2 | | | | | | | | | | 1 | | | |
| Olfactory Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 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

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

| | | 0 | 0 | 0 | 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 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 6 | 6 |
| B6C3F1 MICE FEMALE | | 6 | 7 | 3 | 3 | 9 | 4 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 5 | 3 | 3 | 3 | 1 | 1 | 3 | 0 | 0 | 6 |
| 3 mg/m3 | | 0 | 1 | 1 | 1 | 0 | 5 | 1 | 1 | 9 | 2 | 2 | 2 | 7 | 5 | 1 | 2 | 9 | 2 | 1 | 2 | 1 | 3 | 1 | 3 | 0 | 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 |
| | | 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 | 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 | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Olfactory Epithelium, Metaplasia, Respiratory
Respiratory Epithelium, Accumulation, Hyaline Droplet | 1 | | 1 | | | 1 | | | | 1 | 1 | | | 1 | | | | 2 | | | 1 | | | 1 | 2 | 1 | |
| Respiratory Epithelium, Inflammation, Acute
Respiratory Epithelium, Inflammation, Chronic Active | | | | | | 1 | | | 1 | | 1 | | | | | | | | 2 | | | | | | | 1 | |
| Respiratory Epithelium, Metaplasia, Squamous
Respiratory Epithelium, Necrosis | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 2 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura
Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea
Foreign Body | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | X | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Cartilage, Metaplasia, Osseous
Epithelium, Mineralization
Glands, Inflammation, Acute | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | 1 | |
| | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Cataract | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Infarct
Inflammation, Acute | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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

3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|-----------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|---|---|
| | 060 | 061 | 067 | 067 | 065 | 066 | 067 | 067 | 067 | 067 | 067 | 067 | 066 | 066 | 066 | 067 | 067 | 065 | 067 | 067 | 065 | 067 | 067 | 066 | | | | |
| | 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 | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Nephropathy | 3 | 1 | | | 2 | 1 | | | 2 | | 1 | | | | 2 | 1 | | | | | | 1 | 1 | 1 | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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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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 FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|----------|
| | 0732 | 0731 | 0761 | 0773 | 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 | 0033 | |
| Centrilobular, Fatty Change | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | 12 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 1 2.0 | |
| Necrosis, Fatty | 2 1 | | | | | | | | | | | | | | | | | | | | | 9 1.8 | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | 4 | | | | | | | | | | | | | | | | | | | | | 3 3.7 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Duct, Cyst | 3 | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation, Acute | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | 49 | |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | 3 1.3 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | 3 3.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 3 3.0 | |
| Ulcer | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Tooth | + | | | | | | | | | | | | | | | | | | | | | 2 | |
| Dysplasia | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |

* .. 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

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Antimony trioxide

CAS Number: 1309-64-4

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

Lab: BNW

| B6C3F1 MICE FEMALE
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 | + | 28 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Foreign Body | | | X | | | | | | | | | | | X | | | | | | X | | 5 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | 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 | 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 | | 6 1.3 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 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

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| 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 |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 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 |
| | | 2 | 1 | 3 | 1 | 2 | 2 | 1 | 1 | 2 | 4 | 1 | 1 | 8 | 2 | 8 | 1 | 2 | 1 | 1 | 1 | 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 |
| | 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 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

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 | X | 50 |
| Hemorrhage | | | | | | | | | | | | | | 4 | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 2 | | 2 | 1 | | | | | 1 | 1 | | 1 | | | 1 | 1 | 1 | 3 | | 1 | 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 | 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 | | 13 1.2 |
| Bronchiole, Epithelium, Hyperplasia | 1 | | | 1 | 1 | 1 | | 1 | 1 | | | 2 | 1 | | | 1 | 1 | 1 | 1 | | | | 2 | 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 | 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 | 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 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0005 | 0005 | 0005 | 0005 | 0005 | 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 | 0024 | 0024 | 0025 | 0025 | 0025 | 0025 | 0025 | 7 | 1.1 | |
| | 0038 | 0039 | 0033 | 0034 | 0037 | 0038 | 0039 | 0000 | 0001 | 0002 | 0003 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0005 | 0005 | 0005 | 0005 | 0005 | 3 | 1.3 | |
| | 0028 | 0029 | 0033 | 0034 | 0037 | 0038 | 0039 | 0000 | 0001 | 0002 | 0003 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0005 | 0005 | 0005 | 0005 | 0005 | 3 | 1.3 | |
| | 0028 | 0029 | 0033 | 0034 | 0037 | 0038 | 0039 | 0000 | 0001 | 0002 | 0003 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0005 | 0005 | 0005 | 0005 | 0005 | 2 | 1.0 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Foreign Body | | | | X | X | X | | | | | | | | | | X | X | | | | | | | | 7 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.0 |
| Cartilage, Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Epithelium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Glands, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infarct | 2 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 2.3 |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 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 | 3 mg/m3 | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--------------------|---------|-------------|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|-------|-------|--------|
| | | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | 07 | 07 | | | |
| 0 | 0 | 0 | 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 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| 2 | 1 | 3 | 1 | 2 | 2 | 1 | 1 | 2 | 4 | 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 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 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
 + .. 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 | 0731 | 0513 | 0773 | 0673 | 0773 | 0773 | 0573 | 0773 | 0666 | 0777 | 0666 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0555 | 0555 | 0777 | 0777 | | | | |
| | ANIMAL ID | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | 0050 | | | | |
| 10 mg/m3 | | 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 | females (cont...) |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|---------------------------|--------------------------|--|
| | 0731 | 0751 | 0772 | 0773 | 0763 | 0773 | 0773 | 0773 | 0758 | 0773 | 0768 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0766 | 0766 | 0755 | 0755 | 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 | 000000000000000000000000 | | | |
| | 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 | 000000000000000000000000 | | |
| | 3 | 1 | 3 | 3 | 7 | 3 | 3 | 3 | 8 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 8 | 2 | 8 | 2 | 3 | 3 | 555555555555555555555555 | |
| | 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 | 2 | 000000000000000000000000 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 000000000000000000000000 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 555555555555555555555555 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 000000000111111111222222 | | |
| | 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 | 1234567801234568901234567 | | |
| Necrosis
Tension Lipidosis
Hepatocyte, Periportal, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Mesentery
Inflammation, Suppurative
Necrosis, Fatty
Artery, Inflammation, Chronic Active
Lymphatic, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | |
| Pancreas
Atrophy
Inflammation
Necrosis
Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Salivary Glands
Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| Stomach, Glandular
Inflammation, Chronic Active
Mineralization
Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Tooth
Dysplasia
Peridental Tissue, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 0731 | 0513 | 0773 | 0673 | 0773 | 0773 | 0773 | 0573 | 0766 | 0666 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0555 | 0555 | 0777 | 0777 | | | | |
| | ANIMAL ID | 0050 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | | | | |
| 10 mg/m3 | | 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 | females
(cont...) |

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
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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
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
(cont...) |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|----------------------|
| | 7
3
1 | 5
1
9 | 7
3
2 | 7
3
1 | 6
7
3 | 7
3
2 | 7
3
1 | 7
3
1 | 5
8
9 | 7
3
2 | 6
8
5 | 6
0
0 | 7
3
1 | 7
3
1 | 7
3
1 | 7
3
1 | 7
3
1 | 7
3
1 | 6
8
4 | 6
2
4 | 5
8
9 | 5
2
6 | 7
3
2 | 7
3
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 | | |
| | | 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 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Peritoneum | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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
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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
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
(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 | | |
| 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 | | | |

INTEGUMENTARY SYSTEM

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

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

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 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 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
| | 0731 | 0519 | 0732 | 0771 | 0673 | 0773 | 0773 | 0773 | 0578 | 0738 | 0660 | 0667 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0680 | 0684 | 0664 | 0589 | 0556 | 0772 | | | 0773 |
| 10 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 | 0000 | 0000 | 15001 | |

Inflammation, Chronic Active

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Bone | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperostosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Femur, Fibro-Osseous Lesion | | | | 1 | 1 | 3 | | | | | 2 | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| 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 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

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Lab: BNW

| B6C3F1 MICE FEMALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|
| | 0731 | 0759 | 0772 | 0773 | 0767 | 0777 | 0777 | 0777 | 0755 | 0776 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0766 | 0766 | 0755 | | | 0755 | 0777 |
| Arteriole, Inflammation, Chronic Active
Respiratory Epithelium, Hyperplasia
Respiratory Epithelium, Metaplasia, Squamous
Squamous Epithelium, Hyperplasia | | | | | | 1 | | | | | | | | | 1 | | 1 | 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 |
| Alveolar Epithelium, Hyperplasia | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | | 1 | 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 | |
| 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 | |
| Pleura, Inflammation | 1 | 2 | 2 | 2 | 2 | | 1 | 1 | 1 | 1 | | 1 | | 2 | | 2 | 2 | 2 | 1 | 2 | 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 | |
| Glands, Respiratory Epithelium, Accumulation,
Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Nasolacrimal Duct, Inflammation, Chronic
Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Accumulation, Hyaline
Droplet | 1 | | 1 | | 1 | | | 1 | | 1 | | | | | | | | 1 | | | | 4 | | |
| Olfactory Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Respiratory Epithelium, Accumulation, Hyaline
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
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
(cont...) | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|------|------|
| | 0731 | 0751 | 0772 | 0773 | 0763 | 0773 | 0773 | 0773 | 0758 | 0773 | 0768 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0766 | 0766 | 0755 | | 0755 | 0777 |
| 10 mg/m3 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 |
| Respiratory Epithelium, Inflammation, Acute | | | 1 | | | | | | | | | | 1 | | | 1 | | | | | | 1 | | |
| Respiratory Epithelium, Inflammation, Chronic Active | | | | 1 | | | | | 1 | | 1 | | | | | | | | | 1 | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Respiratory Epithelium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | |
| Turbinate, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body | | | X | | X | X | | | X | | X | | | | X | X | X | | | X | | | | X |
| Inflammation, Chronic Active | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Cataract | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | 2 | | | | | | | | | | | | | 1 | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | 1 | | | 2 | 1 | | | 1 | | 3 | 2 | | 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|---|---|
| B6C3F1 MICE FEMALE
10 mg/m3 | DAY ON TEST | 0731 | 0519 | 0732 | 0771 | 0673 | 0773 | 0773 | 0773 | 0589 | 0762 | 0665 | 0767 | 0773 | 0773 | 0773 | 0773 | 0773 | 0668 | 0664 | 0582 | 0589 | 0726 | 0772 | females
(cont...) | | |
| | ANIMAL ID | 0050 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 2 | 2 | 3 | | 4 | 5 |

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

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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------------|
| 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 | |
| | | 5 | 7 | 6 | 4 | 4 | 7 | 5 | 5 | 5 | 7 | 7 | 5 | 4 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 4 | 3 | 3 | 2 | 0 | 2 | 1 | 3 | 2 | 3 | 3 | 9 | 9 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 0 | 3 | | 1 |
| 10 mg/m3 | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * 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 | |
| | | 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 | 4 | 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 | 8 | 9 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Gallbladder
Inflammation, Chronic | + | + | + | I | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | 44 | 1 | 1.0 |
| Intestine Large, Cecum
Inflammation, Chronic Active | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 2 | 1.5 |
| Intestine Large, Colon
Necrosis | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 | 2.0 |
| Intestine Large, Rectum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Intestine Small, Duodenum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | 45 | | |
| Intestine Small, Ileum
Inflammation, Chronic Active
Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 1 | 1.0 |
| Intestine Small, Jejunum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | 46 | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 1.0 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X | | | | 3 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | | 2 | | |
| Fatty Change | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | 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
 I .. Insufficient tissue 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
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 054 | 073 | 063 | 042 | 044 | 072 | 051 | 055 | 052 | 073 | 071 | 059 | 043 | 064 | 072 | 061 | 073 | 071 | 073 | 070 | | 073 | 071 |
| ANIMAL ID | 00528 | 00552 | 00553 | 00553 | 00553 | 00553 | 00553 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00554 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 |
| Necrosis | 2 | | | 1 | | | | 2 | | | | | | | | | | | | | | 1 | 5 |
| Tension Lipidosis | | | | | | | | 2 | 2 | | | | | | | | | | | | | | 3 |
| Hepatocyte, Periportal, Hypertrophy | | | | | | | | | | | | | | 1 | | | | | | | | | 1 |
| Mesentery | + | + | | + | + | + | + | + | | | | | + | | | | + | | | | | | 16 |
| Inflammation, Suppurative | | | | 1 | | | | | | | | | | | | | | | | | | | 1 |
| Necrosis, Fatty | | 1 | | | 2 | 2 | 3 | | 2 | | | | | | | | | | | | | | 11 |
| Artery, Inflammation, Chronic Active | | | | | | | | 4 | | | | | 4 | | | | | | | | | | 2 |
| Lymphatic, Angiectasis | | | | | | | | | | | | | | | | | | 3 | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | 4 | 2 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Necrosis | | | | 2 | | | | | | | | | | | | | | | | | | | 1 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | 4 | | | | | | | | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 1 | | | | 4 | | 3 |
| Mineralization | | | | | | | | | | | | 1 | | | | | | | | | | | 2 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | 2 | | | | | | | | | | | 1 |
| Tooth | | | | | | | | | | | | | | | | | | | | | + | | 2 |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Peridontal Tissue, Mineralization | | | | | | | | | | | | | | | | | | | | 3 | | | 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

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Antimony trioxide
 CAS Number: 1309-64-4

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 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 |
| | | 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 |
| | | 5 | 3 | 3 | 2 | 0 | 2 | 1 | 3 | 2 | 3 | 3 | 9 | 9 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 0 | 3 | 1 | 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 |
| 10 mg/m3 | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 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 |
| | | 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 | |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Blood Vessel | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Inflammation, Chronic Active | | | | | | | | 4 | | | | | 2 | | | | | | | | | | | | | 2 3.0 |
| Thrombosis | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 | 6 1.3 |
| Artery, Inflammation, Chronic Active | | | | | | | | 2 | | | | 2 | | | | | | | | | 2 | | 1 | 1 | | 11 1.3 |
| Epicardium, Inflammation, Chronic Active | | | 2 | | | | 2 | | | | | | | | | | 1 | | | | | | | | | 7 1.4 |
| Epicardium, Myocardium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Myocardium, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Pericardium, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pericardium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Valve, Inflammation, Chronic Active | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Zona Fasciculata, Hypertrophy | | | | | | | | | | | 1 | | | | | | 2 | | 1 | | 1 | | | | | 11 1.1 |
| Zona Fasciculata, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 48 | |
| Hyperplasia | | | | | | | | | | | | | | | 2 | | | | 1 | 1 | | 1 | 2 | | 1 | 9 1.2 |
| Islets, Pancreatic | + | + | 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

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 | 044 | 072 | 051 | 053 | 052 | 071 | 073 | 059 | 043 | 065 | 073 | 073 | 067 | 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 | | | | | |
| Parathyroid Gland | + | + | + | + | M | + | M | M | + | M | + | M | + | + | + | + | + | + | M | M | M | M | + | + | 34 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Angiectasis | | | | | | | 2 | | | | | | | 1 | | | | | | | | | | | 1 2.0 | |
| Pars Distalis, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | 1 | | | 1 | 10 1.1 | |
| Pars Nervosa, Thrombosis | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peritoneum | | | | | + | | | | | | | | | | | | | | | | | | | | 1 | |
| Inflammation, Suppurative | | | | | 3 | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | |
|--------------------|----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|---|---|---|---|---|--|
| | | 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 | | | | | | |
| | | 5 | 3 | 3 | 2 | 0 | 2 | 1 | 3 | 2 | 3 | 3 | 9 | 9 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 0 | 3 | 1 | 3 | 1 | 3 | 2 | |
| | | 4 | 1 | 9 | 3 | 4 | 2 | 2 | 0 | 2 | 1 | 6 | 3 | 4 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 0 | 3 | 1 | 3 | 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 | |
| | | 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 | 4 | 4 | 4 | 4 | 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 | 0 | | | | |
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HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|----|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | 1 | | 1 | | | 1 | 1 | 1 | | | | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | + | | | | | + | | | | | | | | | + | | | | | + | | | | + | | + | | | 14 | | | | |
| Iliac, Angiectasis | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Angiectasis | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | X | X | X | 46 | | |
| Hyperplasia, Lymphoid | | | 2 | | | 2 | | | | | 1 | 1 | | | | 2 | 3 | | | 2 | | 2 | | | | | | | 1 | | | | | |
| Infiltration Cellular, Histiocyte | | | | | 1 | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | | M | M | M | + | + | + | + | M | M | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 38 | | | | |
| Foreign Body | X | | | | | | | | X | X | X | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | X | X | X | X | X | 45 | |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | | | 3 | | 2 | 2 | 2 | 2 | 1 | 3 | | 1 | | | 1 | 2 | 1 | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | 2 | 2 | | | | | 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
 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
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-----|---|
| | 054 | 073 | 063 | 042 | 044 | 072 | 055 | 055 | 055 | 073 | 077 | 054 | 046 | 077 | 077 | 066 | 077 | 077 | 077 | 077 | | 077 | |
| 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 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| 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
 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

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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 FEMALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 054 | 073 | 063 | 042 | 044 | 072 | 051 | 055 | 052 | 073 | 073 | 059 | 043 | 065 | 073 | 073 | 063 | 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 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperostosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Femur, Fibro-Osseous Lesion | 1 | | | | | 1 | | | | | | | | | 2 | | | | | | | | | 10 1.6 |
| Maxilla, Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.5 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Arteriole, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Meninges, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Meninges, Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Sciatic, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | 2 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | | X | X | X | | X | | | | | X | X | X | | | X | X | X | X | X | X | X | X | 39 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |

* .. 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

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Species/Strain: MICE/B6C3F1

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|---------------------------|-------------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 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 | | | |
| | | 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 | |
| 30 mg/m3 | ANIMAL ID | 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 | 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 | |
| | | females (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | |

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 | | | | | | 1 | | | | | | | | | | | | | | | |
| Perforation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | |

* .. 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
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|-----------------------|------------------|
| | 0
7
3
2 | 0
4
0
4 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
1
9 | 0
6
8
0 | 0
4
7
0 | 0
7
3
1 | 0
7
3
2 | 0
5
7
0 | 0
7
3
2 | 0
7
6
2 | 0
6
7
0 | 0
7
4
2 | 0
6
2
2 | 0
7
3
2 | 0
6
2
8 | 0
7
5
3 | 0
6
7
4 | | | 0
7
3
2 | 0
4
8
8 | 0
6
0
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
0
1 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Epicardium, Inflammation, Chronic Active | | | | | | | | 2 | 1 | | | | | | | 1 | | | | | | | | | |
| Pericardium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Valve, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 | | | |

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 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
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|--------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
| | 0732 | 0734 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 | 0756 | 0757 | 0758 | | | 0759 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00701 | |
| | 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 | 00702 | |
| | 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 | 00703 | |
| | 2 | 4 | 2 | 2 | 2 | 9 | 0 | 0 | 1 | 2 | 3 | 0 | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 4 | 8 | 7 | 00704 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00705 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00706 | |
| | 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 | 00707 | |
| | 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 | 00708 | |
| | 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 | 00709 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Inflammation, Chronic Active | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Ovary
Angiectasis | + | + | + | + | + | + | + | + | + | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Acute | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bursa, Cyst | | | | X | | | | | | | | | | | | | | | | | | | | | X |
| Follicle, Cyst | | | | | | | | | | | | X | | | | | | | X | X | X | X | | | |
| Uterus
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
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | 1 | | 1 | | | | | 1 | 2 | 1 | | 1 | | | | 1 | 1 | 1 | | | 1 | 1 | |
| Lymph Node
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
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|--|
| | 0
7
3
2 | 0
4
0
4 | 0
7
3
2 | 0
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3
2 | 0
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2 | 0
7
3
2 | 0
7
3
2 | 0
6
8
0 | 0
4
7
3 | 0
7
3
1 | 0
7
3
2 | 0
5
9
3 | 0
7
1
0 | 0
7
3
2 | 0
6
6
2 | 0
7
4
2 | 0
6
7
2 | 0
7
2
2 | 0
5
3
3 | 0
6
7
4 | | | 0
7
3
2 | 0
4
8
8 | 0
6
8
7 | |
| 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
 + .. 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

| | | 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 | | | | | | | |
| | | 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 | 2 | 8 | 2 | 3 | 4 | 2 | 7 | | | | |
| B6C3F1 MICE FEMALE | 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 | 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 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | females (cont...) |

Meninges, Infiltration Cellular, Lymphoid

1

Peripheral Nerve

+

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 |
| Inflammation, Chronic Active | | | | | | | | | 1 | | | | | 2 | | | | | | 1 | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | 1 | 1 | | | | 1 | | | 1 | 1 | 1 | | 1 | | 1 |
| Respiratory Epithelium, Metaplasia, Squamous | 1 | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | | | | 1 | | 1 | 1 | | | | | | | | 2 |
| Squamous Epithelium, Hyperplasia | | | 1 | | 1 | | | | 1 | | | | | 1 | 2 | | | | | 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 | X | X |
| Infiltration Cellular, Lymphocyte | | | | 4 | 3 | | 3 | 3 | 3 | | 4 | | 4 | | 3 | 4 | 4 | 4 | 2 | 3 | | 4 | 3 | 1 | |
| Inflammation, Chronic Active | 4 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 1 | 3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 1 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 2 | 2 | 3 | | 2 |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | 4 | | 2 | | | | | | | | | | | | |
| Alveolus, Fibrosis | 4 | | 2 | 2 | 2 | 1 | | 1 | 4 | 2 | 2 | 1 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | | 2 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Epithelium, Hyperplasia | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | | 2 |
| Bronchiole, Epithelium, Goblet Cell, Metaplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Bronchus, Epithelium, Goblet Cell, Metaplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura, Fibrosis | 1 | 2 | 2 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 1 |
| Pleura, Inflammation | 2 | 2 | | 2 | 1 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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
30 mg/m3 | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | | 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 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 6 1 1 7 | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | |
| | 0
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
8 9 3 4 7 8 9 0 1 2 3 4 5 6 7 9 | | | | | | | | | | | | | | | | | | | | | |

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
30 mg/m3 | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | | 5 | | | | | | | | | | | | | | | | | | | | |
| | | 7 | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|---|----|--|--|--|--|--|---|-----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | M | + | + | + | + | M | M | 42 | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 | 2.0 | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 | 4.0 | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | | | | | | | | | |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | 2.0 | | | | | | | | | | | | |
| Bursa, Cyst | | | | | | | | | | | | X | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Follicle, Cyst | X | | X | | X | | | | | | | | | | | | X | | X | | X | X | X | | | | | | | 13 | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | 1 | | | 4 | | | | | | | | 2 | 2.5 | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | | | | | 2 | | | | | | | 1 | 2.0 |
| Endometrium, Hyperplasia, Cystic | 2 | 1 | 1 | | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | 1 | | | | 3 | | 1 | 2 | 2 | 1 | 41 | 2.0 | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|----|----|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia | | 1 | 1 | | 1 | 2 | 1 | | 1 | 3 | 1 | 1 | | 1 | | 1 | 2 | 1 | | 1 | 1 | 1 | | 1 | 28 | 1.2 |
| Lymph Node | + | | + | | + | + | + | | + | | | | | | | | | | | | | | 16 | | | |
| Iliac, Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 | 2.0 | |
| Iliac, Inflammation | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | |
| Lumbar, Ectasia | | | | | | | | | | | 2 | | | 3 | | | | | | | 3 | 2.3 | | | | |
| Lumbar, Hematopoietic Cell Proliferation | | | | | | | | | | | | 4 | | | | | | | | | | | | | 1 | 4.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

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

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

Experiment Number: 20601 - 04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
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 Antimony trioxide
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Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | |
|---|-------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|---|--------|-------|
| | ANIMAL ID | | 05728 | 07722 | 04033 | 06733 | 07733 | 06733 | 07733 | 06733 | 07733 | 05940 | 06541 | 05642 | 06643 | 05544 | 06645 | 05746 | 06747 | 04748 | 06749 | 06650 | 06751 | 06752 | 06753 | 06754 | | 06755 | 06756 | 06757 | 06758 | 06759 | 06760 | | | |
| 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 | 48 | |
| Glands, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Nasolacrimal Duct, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 1.0 | |
| Olfactory Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | 1 | 1 | | | | | | 1 | | | 1 | | | | | | | | 1 | | 1 | | | | | 19 1.1 | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 | |
| Respiratory Epithelium, Inflammation, Acute | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.0 | |
| Respiratory Epithelium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.0 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 |
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Necrosis, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Foreign Body | | | X | X | | | | | X | | | | | X | X | | | | X | | | | X | | | | X | | | | | | | | 20 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 49 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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