

Experiment Number: 10260 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 02/14/2017
Time Report Requested: 15:26:56
First Dose M/F: 07/16/10 / 07/15/10
Lab: BAT

Final 1_Mice

NTP Study Number: C10260
Lock Date: 10/09/2013
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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B6C3F1/N MICE MALE	DAY ON TEST	0728	0728	0729	0599	0728	0722	0722	0728	0683	0778	0778	0778	0575	0772	0579	0579	0772	0668	0665	0573	0639	0664	0664	males (cont...)	
	0 ppm	ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022		0023

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum Serosa, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Intestine Small, Ileum Peyer's Patch, Hyperplasia Serosa, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Inflammation, Chronic Active Peyer's Patch, Hyperplasia Serosa, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus	2																								
Clear Cell Focus																									
Eosinophilic Focus																									
Extramedullary Hematopoiesis																									
Hepatodiaphragmatic Nodule																									

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

B6C3F1/N MICE MALE 0 ppm	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...)	
		7	7	7	5	7	7	7	2	6	7	7	7	5	7	7	5	5	7	7	6	7	5	6	6			6
		2	2	2	9	2	2	2	8	4	2	2	2	9	2	2	7	9	2	2	6	7	3	2	4			
		8	8	9	9	8	9	7	8	3	8	7	8	5	8	9	3	9	7	8	5	9	3	4	4			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0	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	2	2	2	2	2			
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		
Infiltration Cellular, Mononuclear Cell		1						1				1						1										
Inflammation, Multifocal, Chronic Active																												
Mixed Cell Focus																												
Pigment					1																							
Tension Lipidosis											X																	
Centrilobular, Degeneration																												
Hepatocyte, Fatty Change			1		1				1		1									1								
Hepatocyte, Increased Mitoses																												
Hepatocyte, Necrosis, Focal					1									1														
Hepatocyte, Syncytial Alteration																												
Kupffer Cell, Hyperplasia																												
Mesentery												+																
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Acinus, Atrophy																									3			
Acinus, Basophilic Focus									X																			
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Atrophy																									2			
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Ulcer																									1			
Epithelium, Hyperplasia, Diffuse																									3			
Stomach, Glandular		+	+	+	+	+	+	+		A	+	+	+		A	+	+	+	+	+	+	+	+	+	A			
Tooth		+	+	+	+	+	+	+			+	+	+	+	+	+	+		+	+	+	+	+	+	+			
Dysplasia		1	1	1	1	1	1	1			1	1	2	1	2	2	1		1	2	2	2	1	1	1			

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

CARDIOVASCULAR SYSTEM

Blood Vessel		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy																										
Fibrosis																										
Mineral																										
Artery, Inflammation, Chronic Active																										
Atrium, Thrombus																										

ENDOCRINE SYSTEM

Adrenal Cortex		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																										
Hyperplasia, Focal																										
Hypertrophy, Focal																										
Subcapsular, Hyperplasia																										
Adrenal Medulla		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																										
Islets, Pancreatic		+	+	+	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1	1							1			1	1	1	1	1	2	2							
Parathyroid Gland		+	+	+	M	+	+	+	+	M	M	M	+	M	+	M	M	M	+	+	+	M	M	M		
Pituitary Gland		+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	M									
Pars Distalis, Cyst																										
Pars Distalis, Hyperplasia, Focal																										

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B6C3F1/N MICE MALE 0 ppm	DAY ON TEST																				ANIMAL ID	males (cont...)			
	0728	0728	0729	0729	0728	0729	0727	0728	0726	0728	0727	0728	0725	0727	0725	0729	0722	0728	0725	0727			0723	0729	0724
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	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	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Cyst																									
Follicle, Degeneration					1	1	1			1					1			1							

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																									
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																									
Bilateral, Duct, Cyst																									X
Bilateral, Duct, Dilation			3		3	1		3	2	4	3	3		3		3	3	2	3		3			2	
Duct, Cyst	X					X						X		X	X					X		X			
Duct, Dilation	3		2			2						4		4	4					4		4			
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active					1																				
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																									2
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Germ Cell, Degeneration																									

HEMATOPOIETIC SYSTEM

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B6C3F1/N MICE MALE 0 ppm	DAY ON TEST																				ANIMAL ID	males (cont...)				
	07 28	07 28	07 29	05 99	07 28	07 29	07 27	07 28	06 88	07 28	07 27	07 28	05 98	07 28	07 29	05 99	07 27	07 28	06 85	07 29			05 99	06 84	06 64	06 64
	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	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	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	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
	01	02	03	04	05	06	07	08	09	00	01	02	03	04	05	06	07	08	09	00	01	02	03	04	05	

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+
Hypercellularity	1												1										1	
Pigment				1	1																			
Lymph Node											+													
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																								
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	M
Extramedullary Hematopoiesis																								
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Extramedullary Hematopoiesis	3	1		1	1			1	4			2		1	2	3	3	1				1		2
Hyperplasia, Lymphoid					4										2							1		1
Pigment				1	1																			
White Pulp, Atrophy																2							4	
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelial Cell, Hyperplasia																								

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
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcutaneous Tissue, Inflammation, Focal, Chronic Active				2																				

MUSCULOSKELETAL SYSTEM

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	0 7 2 8	0 7 2 8	0 7 2 8	0 5 9 9	0 7 2 8	0 7 2 7	0 7 2 8	0 2 8 8	0 6 4 3	0 7 2 8	0 7 2 7	0 5 9 5	0 7 2 8	0 7 2 9	0 5 7 3	0 5 9 9	0 7 2 7	0 6 6 5	0 7 2 9	0 5 6 3	0 6 3 9	0 6 2 4	0 6 2 4				
0 ppm	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	

Bone +

NERVOUS SYSTEM

Brain +
 Neuron, Necrosis 1

RESPIRATORY SYSTEM

Lung +
 Extramedullary Hematopoiesis 1
 Infiltration Cellular, Lymphocyte 1
 Inflammation, Chronic Active 1
 Thrombus X X
 Alveolar Epithelium, Hyperplasia 3 1

Nose +
 Inflammation, Focal, Acute
 Inflammation, Acute 2 1 2
 Glands, Olfactory Epithelium, Hyperplasia, Focal 1 1
 Olfactory Epithelium, Metaplasia, Respiratory, Focal 1 1 1 1 1 1
 Respiratory Epithelium, Hyperplasia, Focal 1

Trachea +

SPECIAL SENSES SYSTEM

Eye +
 Phthisis Bulbi

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 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

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	07 28	07 28	07 29	05 99	07 28	07 22	07 22	07 22	07 28	06 43	07 28	07 27	07 28	05 58	07 27	07 29	05 59	05 59	07 27	07 28	06 55	07 29	05 63	06 64		
0 ppm	00 00 00 01	00 00 00 02	00 00 00 03	00 00 00 04	00 00 00 05	00 00 00 06	00 00 00 07	00 00 00 08	00 00 00 09	00 00 00 00	00 00 00 01	00 00 00 01	00 00 00 02	00 00 00 03	00 00 00 04	00 00 00 05	00 00 00 06	00 00 00 07	00 00 00 08	00 00 00 09	00 00 00 00	00 00 00 01	00 00 00 02	00 00 00 03	00 00 00 04	00 00 00 05

Cornea, Inflammation, Chronic
 Cornea, Inflammation, Chronic Active

1
 1

Harderian Gland
 Hyperplasia, Focal
 Inflammation, Chronic Active

+
 1

URINARY SYSTEM

Kidney
 Cyst
 Infarct
 Infiltration Cellular, Lymphocyte
 Metaplasia, Osseous
 Nephropathy, Chronic Progressive
 Pelvis, Dilation
 Renal Tubule, Accumulation, Hyaline Droplet
 Renal Tubule, Hyperplasia, Focal
 Renal Tubule, Hypertrophy, Focal

+ + + + + + + + + + + A + + + + + + + + + + + +
 X X
 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 1
 1
 1

Urethra
 Angiectasis

+
 3

Urinary Bladder

+ +

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| B6C3F1/N MICE MALE | DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|
| | | 0541 | 0729 | 0779 | 0772 | 0778 | 0779 | 0779 | 0782 | 0789 | 0789 | 0788 | 0789 | 0788 | 0788 | 0777 | 0779 | 0779 | 0777 | 0778 | 0778 | | 0765 | 0770 |
| 0 ppm | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 49 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-------------------------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Large, Rectum
Serosa, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 2.0 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Intestine Small, Ileum
Peyer's Patch, Hyperplasia
Serosa, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 4
2 | 1 4.0
1 2.0 |
| Intestine Small, Jejunum
Inflammation, Chronic Active
Peyer's Patch, Hyperplasia
Serosa, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1
3 | 2 1.0
1 3.0
1 2.0 |
| Liver
Angiectasis
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Extramedullary Hematopoiesis
Hepatodiaphragmatic Nodule | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | 1 2.0
5
12
7
3 1.0
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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-----|-----|-----|
| | 0541 | 0729 | 0779 | 0772 | 0778 | 0779 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | | 0779 | | | | | | | |
| 0 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | |
| | 00026 | 00027 | 00028 | 00029 | 00030 | 00031 | 00032 | 00033 | 00034 | 00035 | 00036 | 00037 | 00038 | 00039 | 00040 | 00041 | 00042 | 00043 | 00044 | 00045 | | 00046 | 00047 | 00048 | 00049 | 00050 | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 1.0 | | |
| Inflammation, Multifocal, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mixed Cell Focus | | | X | X | | | | | | | | X | | | | | | | | | | | | | | | 3 | | |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Tension Lipidosis | | | | | | | | | | | | | X | | | | X | | | | | | | | | | 3 | | |
| Centrilobular, Degeneration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Hepatocyte, Fatty Change | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 6 | 1.0 | |
| Hepatocyte, Increased Mitoses | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Hepatocyte, Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.0 | |
| Hepatocyte, Syncytial Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Kupffer Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Epithelium, Hyperplasia, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Tooth | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Dysplasia | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 45 | 1.6 | |

* .. 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0541 | 0729 | 0729 | 0721 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | 0728 | 0729 | |
| 0 ppm | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 47 |
| | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 49 |
| | 0002 | 0002 | 0002 | 0002 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 1 |
| | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Cardiomyopathy | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | 3 1.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mineral | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Atrium, Thrombus | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | 2 | | 3 1.3 |
| Hyperplasia, Focal | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | 4 1.0 |
| Hypertrophy, Focal | | | | | 1 | | | 1 | | 1 | 1 | 1 | 1 | | | | 1 | | 1 | 1 | 1 | | 1 | | 22 1.0 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia, Focal | | | | | | | | | 3 | 2 | | | | | | | | | | | | | | | 2 2.5 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hyperplasia | | | 4 | 1 | | 2 | | | 3 | | 1 | 1 | 2 | 1 | | 1 | 1 | | 1 | 1 | 1 | 4 | 1 | 1 | 29 1.4 |
| Parathyroid Gland | M | M | + | + | M | + | + | M | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 32 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | X | 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
0 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|
| | 0541 | 0729 | 0779 | 0772 | 0778 | 0779 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | 0779 | 0778 | | 0779 |
| ANIMAL ID | 000266 | 000267 | 000268 | 000269 | 000270 | 000271 | 000272 | 000273 | 000274 | 000275 | 000276 | 000277 | 000278 | 000279 | 000280 | 000281 | 000282 | 000283 | 000284 | 000285 | 000286 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Follicle, Cyst | | | | | | | | | | X | | | | | | | | | X | X | | 4 |
| Follicle, Degeneration | | | 1 | | | 1 | | | | 1 | | | | | | 1 | 1 | | | | | 11 1.0 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Chronic Active | | | | | | | | | | 2 | | | | | | | | | 1 | 3 | | 3 2.0 |
| Bilateral, Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Duct, Dilation | 2 | 3 | 4 | 3 | | 4 | 3 | | | 3 | 3 | 3 | | 3 | | 3 | 3 | 3 | | | 3 | 30 2.9 |
| Duct, Cyst | | | | | X | | | X | X | | | X | X | X | | | | X | X | | X | 16 |
| Duct, Dilation | | | | | 4 | | | 2 | 3 | | | | 3 | 2 | 4 | | | 4 | 4 | | 4 | 17 3.4 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Germ Cell, Degeneration | 1 | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

HEMATOPOIETIC SYSTEM

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

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|----|
| | 0
5
4
1 | 0
7
2
9 | 0
7
2
9 | 0
7
1
2 | 0
7
2
8 | 0
7
2
9 | 0
7
2
8 | 0
7
2
9 | 0
7
2
8 | 0
7
2
9 | 0
7
2
8 | 0
7
2
9 | 0
7
2
8 | 0
7
2
9 | 0
7
2
8 | 0
7
2
9 | 0
7
2
7 | 0
7
2
8 | 0
7
2
8 | 0
6
5 | 0
7
1
2 | 0
7
0
6 | | | | |
| 0 ppm | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
3
9 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | 0
0
0
4
9 | | |
| Bone Marrow | | | | | | | | | | | | | | | | | | | | | | | 47 | | | |
| Hypercellularity | 1 | | | | | | | | | | | | | | | | | | | | 1 | 9 | | | | |
| Pigment | | | | | | | | | | | | | | | | | | | | 1 | 3 | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | + | 3 | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Lymph Node, Mesenteric | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | | |
| Spleen | | | | | | | | | | | | | | | | | | | | | | | 48 | | | |
| Extramedullary Hematopoiesis | 4 | | | | | | | | | | | | | | | | | | | | 4 | 26 | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | 1 | 12 | | | | | |
| Pigment | 1 | | | | | | | | | | | | | | | | | | | | 1 | 4 | | | | |
| White Pulp, Atrophy | | | | | | | | | | | | | | | | | | | | 4 | 3 | | | | | |
| Thymus | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Epithelial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 3 | 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 | 2 |
| Skin | | | | | | | | | | | | | | | | | | | | | | | | 49 | | |
| Subcutaneous Tissue, Inflammation, Focal, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | + | 1 | | |
| MUSCULOSKELETAL 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:

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2) Mild 4) Marked

Experiment Number: 10260 - 02

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-----------|
| | 0541 | 0729 | 0779 | 0772 | 0771 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | |
| 0 ppm | 0026 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | |
| | 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 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | |
| | 0002 | 0002 | 0002 | 0002 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0005 | |
| | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 49 |

Cornea, Inflammation, Chronic 1 1.0
 Cornea, Inflammation, Chronic Active 1 1.0

Harderian Gland 49
 Hyperplasia, Focal 3 1.3
 Inflammation, Chronic Active 2 3.5

URINARY SYSTEM

Kidney 48
 Cyst 10
 Infarct 4 1.0
 Infiltration Cellular, Lymphocyte 40 1.0
 Metaplasia, Osseous 5
 Nephropathy, Chronic Progressive 41 1.1
 Pelvis, Dilation 1 1.0
 Renal Tubule, Accumulation, Hyaline Droplet 1 3.0
 Renal Tubule, Hyperplasia, Focal 3 1.0
 Renal Tubule, Hypertrophy, Focal 2 1.0

Urethra 1
 Angiectasis 1 3.0

Urinary Bladder 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Calculus Micro Observation Only | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Ulcer
Peyer's Patch, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | X | | X | | | | | | | | | | | | | | | | | | | X | | |
| Clear Cell Focus | | | | | | | | | | | | | X | X | X | | | | X | X | | X | X | X |
| Eosinophilic Focus | | | | | | | | | | | | | | X | | | | X | | | | X | X | |
| Infiltration Cellular, Mononuclear Cell | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | 1 | | 1 | | | | | | | | | | 1 |
| Mixed Cell Focus | | | X | | | | | | | | | | | | | | | | | | | | X | X |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | X | | | | | | | | X | | | | | | | | | | | | |
| Hepatocyte, Cellular Alteration | | | 1 | | | | | 4 | | | | | | 4 | | | | | | | | | | |
| Hepatocyte, Fatty Change | | | | | | | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE

1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|-----------|--------------------|
| | 0729 | 0774 | 0778 | 0788 | 0798 | 0678 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Hepatocyte, Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Syncytial Alteration | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphatic, Congestion | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | 1 | 2 | 1 | 2 | 1 | 1 | 3 | 3 | 2 | 2 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aorta, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------------|---|---|
| B6C3F1/N MICE MALE | 1000 ppm | 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 | males
(cont...) | | |
| | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | 7 | |
| | | | 2 | 1 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 | 2 |
| | | 9 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 8 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | | |
| | | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|---|---|---|--|---|--|---|
| Epididymis
Inflammation, Granulomatous | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland
Inflammation, Chronic Active
Bilateral, Duct, Cyst
Bilateral, Duct, Dilation
Duct, Cyst
Duct, Dilation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | 3 | 2 | 2 | 3 | 3 | | 3 | 2 | 3 | 2 | 3 | 3 | | 3 | 3 | | 3 | 3 | 3 | | 3 | | 2 |
| Prostate
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle
Dilation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Testes
Germ Cell, Degeneration
Germinal Epithelium, Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | 3 | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow
Hypercellularity
Pigment | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node
Mediastinal, Ectasia | + | + | | | | | | | | | | | | | | | | | | | | | | | | + | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
1000 ppm | 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 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | | |
| | 2 | 1 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | |
| | 9 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 8 | 9 | 9 | 8 | 9 | 9 | 9 | 7 | 8 | 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 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 1 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | 1 | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cerebellum, Thrombus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Choroid Plexus, Mineral | | | | | | | | | | | | | | X | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 2 | | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | 3 | | | | | | | | | | 4 | | | | | | | 2 | | | | |
| Lymphatic, Congestion | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Mediastinum, Congestion | | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Mediastinum, Inflammation, Chronic Active | | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | 1 | 1 | | | | | | | 1 | 1 | 1 | | | | 1 | 1 | | | | 1 | | |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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Date Report Requested: 02/14/2017
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 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
1000 ppm | 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 |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 9 | 2 | 2 | | |
| | | 8 | 9 | 8 | 9 | 9 | 3 | 9 | 8 | 8 | 8 | 9 | 7 | 8 | 8 | 4 | 4 | 8 | 7 | 9 | 8 | 9 | 4 | 8 | 8 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 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 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|------------------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Gallbladder
Calculus Micro Observation Only | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | 47 | 1 4.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Jejunum
Ulcer
Peyer's Patch, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | 3 | + | + | + | + | + | + | 50 | 1 4.0
1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | X | 4 | |
| Clear Cell Focus | | | | X | X | | | X | X | | | X | | X | | | | | | | | | | | 14 | |
| Eosinophilic Focus | | | | | | X | | | | | | | | | X | | | | | | | | | X | 7 | |
| Infiltration Cellular, Mononuclear Cell | | | | 1 | | | | | 1 | 1 | | | | | 1 | 1 | | | | 1 | | | | | 16 1.0 | |
| Mixed Cell Focus | | | | | | X | | | | | | | | | | | | | | | | | | | 4 | |
| Pigment | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Tension Lipidosis | | | X | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Hepatocyte, Cellular Alteration | | | | | | | | | | 4 | 1 | | | | | | | | | | | | | | 6 2.5 | |
| Hepatocyte, Fatty Change | | | | | | | | | | | | 1 | 2 | | | | | | 1 | | | | | | 5 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|-------|--------|
| | 078 | 079 | 078 | 079 | 077 | 076 | 077 | 077 | 077 | 077 | 077 | 077 | 076 | 077 | 077 | 076 | 076 | 077 | 077 | 077 | | | 076 | 077 | | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | |
| Hepatocyte, Necrosis, Focal | | | | | 2 | 1 | | | | | | | | 1 | | | | | | | | | | | | 9 1.4 |
| Hepatocyte, Syncytial Alteration | 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 | 39 1.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymphatic, Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Acinus, Atrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 | |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Epithelium, Hyperplasia, Focal | | | | | | 3 | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Epithelium, Hyperplasia, Diffuse | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Tooth | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Dysplasia | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 1 | 1 | 2 | | | 2 | 1 | 2 | 4 | 1 | 1 | 47 1.7 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Aorta, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
1000 ppm | 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 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 9 | 2 | |
| | | 8 | 9 | 8 | 9 | 9 | 3 | 9 | 8 | 8 | 8 | 9 | 7 | 8 | 8 | 9 | 8 | 4 | 4 | 8 | 7 | 9 | 8 | 8 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Valve, Thrombus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | 1.5 | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Hypertrophy, Focal | | | | | 1 | | 1 | 1 | | 3 | | 1 | 1 | | | | 1 | | | | | | 1 | | | 16 | 1.3 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 1.4 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | M | M | M | M | M | + | M | + | 32 | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | M | M | + | 45 | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 1.1 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 1.0 | |

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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|----------------------|
| | 078 | 079 | 078 | 079 | 079 | 073 | 079 | 078 | 078 | 078 | 079 | 077 | 078 | 078 | 079 | 078 | 076 | 076 | 072 | 077 | | 077 | 076 | 077 |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | |
| Mediastinal, Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Lymph Node, Mandibular
Infiltration Cellular, Histiocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
2 3.5 |
| Lymph Node, Mesenteric
Infiltration Cellular, Histiocyte
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 47
1 4.0
2 1.5 |
| Spleen
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 2.0 |
| Extramedullary Hematopoiesis | 1 | 1 | | | 3 | 4 | | | | | | | | 4 | 2 | | | 3 | | 2 | 4 | | 3 | 27 2.2 |
| Hyperplasia, Lymphoid | | | | | | | 1 | | | 1 | 2 | 1 | | | | 1 | | | | | 1 | | | 11 1.1 |
| Pigment | | | | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | 5 1.0 |
| Red Pulp, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| White Pulp, Atrophy | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 4.0 |
| Thymus
Atrophy | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
2 3.5 |
| Ectopic Parathyroid Gland | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | | | | | | | 2 2.0 |
| Inflammation, Suppurative | | | | | | | 2 | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | 1 | | | | 3 1.3 |

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 | 3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

MUSCULOSKELETAL 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE

1000 ppm | 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 |
| | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | | | 6 |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 9 | 2 | |
| | 8 | 9 | 8 | 9 | 9 | 3 | 9 | 8 | 8 | 8 | 9 | 7 | 8 | 8 | 9 | 8 | 8 | 7 | 9 | 8 | 9 | 8 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| Bone Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | 2 1.0 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cerebellum, Thrombus | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Choroid Plexus, Mineral | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | | 1 | 1 | 1 | | 1 | 36 1.1 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | 4 | | | | | | | | 4 3.3 | |
| Lymphatic, Congestion | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Mediastinum, Congestion | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Mediastinum, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 | |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | 1 | | | | | 1 | | | | 1 | | | 1 | | | 1 | 3 | | 14 1.1 | |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 44 1.0 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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M .. Missing tissue
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 Lab: BAT

| B6C3F1/N MICE MALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 078 | 079 | 078 | 079 | 079 | 063 | 072 | 072 | 072 | 072 | 072 | 072 | 067 | 076 | 076 | 076 | 068 | 068 | 072 | 072 | | 077 | 077 | 066 |
| ANIMAL ID | 00076 | 00077 | 00078 | 00079 | 00080 | 00081 | 00082 | 00083 | 00084 | 00085 | 00086 | 00087 | 00088 | 00089 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 |

Lens, Cataract 1 6 1.0

Harderian Gland 49
 Hyperplasia, Focal 3 1.0
 Inflammation, Chronic Active 2 1.0

URINARY SYSTEM

Kidney 50
 Cyst 12
 Infarct 6 1.0
 Infiltration Cellular, Lymphocyte 40 1.0
 Metaplasia, Osseous 3
 Mineral 3 1.0
 Nephropathy, Chronic Progressive 48 1.1
 Thrombus 1
 Glomerulus, Amyloid Deposition 1 2.0
 Glomerulus, Hyperplasia, Focal 1 1.0
 Pelvis, Dilation 3 1.0
 Renal Tubule, Accumulation, Hyaline Droplet 1 2.0
 Renal Tubule, Hyperplasia, Focal 3 1.0

Ureter 1
 Inflammation, Acute 4 1 4.0

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
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 1-4 .. Lesion qualified as:
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 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0729 | 0729 | 0729 | 0728 | 0729 | 0729 | 0728 | 0728 | 0729 | 0728 | 0727 | 0728 | 0729 | 0728 | 0727 | 0728 | 0729 | 0728 | 0727 | 0728 | 0729 | 0728 | 0727 | 0728 | 0729 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011001 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011002 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011003 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011004 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011005 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011006 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011007 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011008 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011009 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011010 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011011 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011012 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011013 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011014 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011015 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011016 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011017 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011018 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011019 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011020 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011021 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011022 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011023 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011024 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011025 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | X | | | | | | X | | | | | | | | |
| Clear Cell Focus | X | | X | | | | | | | | | | | | | | | X | | | X | | | |
| Congestion, Chronic | | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Eosinophilic Focus | | | | | | | X | | | | X | X | | | | | | X | | | | | | X |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | 1 | | | | | 1 | 1 | | 1 | 1 | | 1 | | | |
| Mixed Cell Focus | X | | | X | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | 4 | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | X | X | | | | | | | | |
| Hepatocyte, Cellular Alteration | | | | 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

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3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0729 | 0729 | 0727 | 0728 | 0729 | 0729 | 0728 | 0728 | 0729 | 0727 | 0728 | 0729 | 0727 | 0728 | 0729 | 0727 | 0728 | 0729 | 0727 | 0728 | 0729 | 0727 | | |
| Hepatocyte, Fatty Change | 1 | | | | | | | | | | | | | | | | 1 | | | | | 1 | | |
| Hepatocyte, Necrosis, Focal | | | 1 | | | | 1 | | | 1 | | | 1 | | 1 | | | | | | | | 1 | |
| Hepatocyte, Syncytial Alteration | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Acinus, Atrophy | | 1 | | | | | | | | | | | | | | | 3 | | | | | | | |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Glands, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Dysplasia | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | | | 1 | 2 | 1 | 1 | 1 | 1 | 4 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cardiomyopathy | | | | 1 | 1 | | | 1 | | | | | | | | | 1 | | | | 2 | | | |
| 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
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|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|---|---|
| B6C3F1/N 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3000 ppm | ANIMAL ID | 9 | 9 | 7 | 8 | 9 | 9 | 8 | 8 | 9 | 7 | 2 | 8 | 9 | 7 | 9 | 1 | 9 | 9 | 8 | 9 | 9 | 8 | 8 | 8 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Focal | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Hypertrophy, Focal | 1 | 1 | | 1 | 1 | | | | | 1 | 1 | | 3 | | | | 2 | | | 1 | 1 | 1 | 1 |
| Subcapsular, Hyperplasia | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 2 | | 1 | 1 | | 1 | 2 | 1 | | 1 | | 1 | | 1 | | | 1 | 1 | 1 | 1 | | 1 | 1 |
| Parathyroid Gland | + | M | I | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | X | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicle, Degeneration | | | | | | 1 | | | | | | 1 | | | | 1 | | | | | 2 | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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(cont...) | | | | |
|--------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|
| B6C3F1/N 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 | | | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 | 7 | | |
| 3000 ppm | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| | | 9 | 9 | 7 | 8 | 9 | 9 | 8 | 8 | 9 | 7 | 2 | 8 | 9 | 7 | 9 | 1 | 9 | 9 | 8 | 9 | 9 | 8 | 8 | 9 | 8 |
| | | 0 | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

Artery, Inflammation, Chronic Active

Preputial Gland

Bilateral, Duct, Cyst

Bilateral, Duct, Dilatation

Duct, Cyst

Duct, Dilatation

Prostate

Artery, Inflammation, Chronic Active

Seminal Vesicle

Testes

HEMATOPOIETIC SYSTEM

Bone Marrow

Angiectasis

Hypercellularity

Pigment

Thrombus

Lymph Node, Mandibular

Extramedullary Hematopoiesis

Lymph Node, Mesenteric

Angiectasis

Spleen

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

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(cont...) | | |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|----------|----------|
| | 07
29 | 07
29 | 07
27 | 07
28 | 07
29 | 07
28 | 07
28 | 07
29 | 07
27 | 07
28 | 07
29 | 07
27 | 07
28 | 07
29 | 07
27 | 07
28 | 07
29 | 07
27 | 07
28 | 07
29 | | | 07
27 | 07
28 |
| Extramedullary Hematopoiesis | 1 | | 1 | | | 2 | 2 | | | | 4 | | 1 | | | 4 | | | | | | | 1 | 1 |
| Hyperplasia, Lymphoid | 1 | 1 | | | | | | | | | | | 1 | 1 | | | 1 | | | | | 1 | 1 | 1 |
| Pigment | | | 1 | | | | | | | 1 | | | 1 | | | 1 | | | | | | | 1 | 1 |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | X | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelial Cell, Hyperplasia | | | | | | 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 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Artery, Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | | | | | | | | 1 | 1 | 1 | |

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

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

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

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1/N 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 9 | 9 | 7 | 8 | 9 | 9 | 8 | 8 | 9 | 7 | 2 | 8 | 9 | 7 | 9 | 1 | 9 | 9 | 8 | 9 | 9 | 8 | 8 | 9 | 8 |
| 3000 ppm | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|
| B6C3F1/N MICE MALE | 3000 ppm | DAY ON TEST | 04 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | | |
| | | 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 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| | | | 05 | 09 | 09 | 09 | 08 | 08 | 09 | 08 | 09 | 08 | 09 | 09 | 07 | 08 | 09 | 09 | 07 | 08 | 09 | 00 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|--------|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Intestine Large, Cecum
Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Clear Cell Focus | | | | | | | | | | | | X | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Congestion, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Eosinophilic Focus | | | X | | | | | | | X | | | | | | | X | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | 10 | | |
| Extramedullary Hematopoiesis | | | | | | | | | 1 | | | 2 | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | 1 | | | | | | | 1 | | | | | | | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | 10 1.1 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Hepatocyte, Cellular Alteration | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
3000 ppm | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | | 4 7 7 7 7 7 7 7 7 7 7 7 7 6 5 3 7 7 3 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | |
| | | 9 2 2 2 2 2 2 2 2 2 2 2 2 4 1 9 2 2 4 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | |
| | | 5 9 9 9 8 8 8 8 7 9 9 7 8 9 9 7 8 9 0 8 8 8 8 8 | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | | 0 | | | | | | | | | | | | | | | | | | | | |
| | | 0 | | | | | | | | | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | | | | | | | | | | |
| | | 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 | | | | | | | | | | | | | | | | | | | | |
| | | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | * TOTALS |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--------|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | 19 1.3 |
| Subcapsular, Hyperplasia | 1 4 | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Islets, Pancreatic | M | + + + + + + + + + + + + + + + + A + + + + + + + + + | | | | | | | | | | | | | | | | | | | 48 | |
| Hyperplasia | | 2 4 1 2 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | 25 | 1.3 |
| Parathyroid Gland | M | + + + M + + + + + M + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | 43 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pituitary Gland | + + + + + + + + + + + + + + + + M + + + + + + + + + | | | | | | | | | | | | | | | | | | | | 49 | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Hyperplasia, Focal | 1 | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Pars Intermedia, Hyperplasia, Focal | 2 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | 50 | |
| Follicle, Degeneration | 1 1 | | | | | | | | | | | | | | | | | | | | | 11 1.1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Epididymis | + | | | | | | | | | | | | | | | | | | | | 50 |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

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

+ .. Tissue examined microscopically

M .. Missing tissue

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X .. Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

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Experiment Number: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|---|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---|----|-----|-----|
| | 04
95 | 07
29 | 07
29 | 07
28 | 07
28 | 07
29 | 07
28 | 07
29 | 07
28 | 07
29 | 07
28 | 07
29 | 07
28 | 07
29 | 07
28 | 07
29 | 07
28 | 07
29 | 07
28 | 07
29 | | 07
28 | | | | |
| ANIMAL ID | 001
226 | 001
227 | 001
228 | 001
229 | 001
230 | 001
231 | 001
232 | 001
233 | 001
234 | 001
235 | 001
236 | 001
237 | 001
238 | 001
239 | 001
240 | 001
241 | 001
242 | 001
243 | 001
244 | 001
245 | 001
246 | 001
247 | | | | |
| Extramedullary Hematopoiesis | | 1 | | | 2 | 1 | 2 | 1 | 1 | 4 | | 4 | | 1 | 4 | 4 | | 1 | | | | | | 21 | 2.0 | |
| Hyperplasia, Lymphoid | | | 1 | | | | 1 | | | | | | | | | | | | | | | 1 | | 11 | 1.0 | |
| Pigment | | 1 | | | | | | | 1 | | | | | | 1 | 1 | | | | | | | | 10 | 1.0 | |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 | 3.0 | |
| Epithelial Cell, Hyperplasia | | | | | | 2 | | | | | | | 4 | | | | 2 | 2 | | | | | | 5 | 2.2 | |
| 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 | 4 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | 1.0 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Artery, Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1.0 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 2 | | | | | | 2 | 2.5 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 33 | 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
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Experiment Number: 10260 - 02
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 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
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 Lab: BAT

| B6C3F1/N MICE MALE
3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|
| | 04
95 | 07
29 | 07
29 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | | 07
28 | |
| ANIMAL ID | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 | 018 | 019 | 020 | 021 | 022 | |
| Inflammation, Chronic Active
Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | 2 1.5
1 1.0 |
| Nose
Inflammation, Acute
Glands, Olfactory Epithelium, Hyperplasia,
Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 1.0
1 1.0 |
| Olfactory Epithelium, Metaplasia, Respiratory,
Focal | | | | | | | | | | | | | 1 | 1 | | | | 1 | 1 | | 1 | 14 | 1.0 |
| Respiratory Epithelium, Hyperplasia, Focal | 2 | | 1 | 2 | | 1 | 1 | 1 | 2 | | 1 | 1 | 2 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 39 | 1.3 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Lens, Cataract | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 1.0 |
| Harderian Gland
Hyperplasia, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 5 2.6 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 19 |
| Infarct | | | 1 | | 1 | | 1 | | | | 1 | 1 | | 1 | | | | | | | 1 | 1 | 11 1.1 |
| Infiltration Cellular, Lymphocyte
Metaplasia, Osseous | | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 43 | 1.0
1 |
| Nephropathy, Chronic Progressive
Artery, Inflammation, Chronic Active | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 48 | 1.0
2.0 |
| Renal Tubule, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | 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
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 2) Mild 4) Marked

Experiment Number: 10260 - 02

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|-----------------|
| B6C3F1/N MICE MALE | 3000 ppm | DAY ON TEST | 04 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 05 | 03 | 07 | 07 | 03 | 07 | 07 | 07 | 07 | 07 | 07 | * TOTALS |
| | | 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 | |
| | | | 59 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

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M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|---|
| B6C3F1/N MICE MALE | 10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | males (cont...) | |
| | | 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 | 4 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 6 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 9 |
| ANIMAL ID | | 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 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peyer's Patch, Hyperplasia | | | | | | | | | | | 4 | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | X | | X | | | | | | | | | |
| Clear Cell Focus | X | | | X | | X | | | | | | | | | | | | X | X | | | |
| Eosinophilic Focus | X | | X | | X | | X | | | | | | | | | | X | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | 1 | | | 1 | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | X | | | X | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | X | | | | X | | | | | | | | | | | | | | |
| Centrilobular, Degeneration | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Cellular Alteration | | | | | | | 1 | | | | | | | | | | | | | | | |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | | | | | | | | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | |
|--------------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|-----|---|---|
| | 078 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | | | 079 | | |
| Hepatocyte, Necrosis, Focal | | | | 1 | | 1 | 1 | | | | | 1 | | | | | | 1 | 1 | | | | | | |
| Hepatocyte, Syncytial Alteration | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tooth | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Dysplasia | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Aorta, Degeneration, Hyaline | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Venule, Inflammation, Granulomatous, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | 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 | | males
(cont...) | | | |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|--------------------|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | | 7 | 7 | 6 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 0 | | |
| | 8 | 8 | 9 | 8 | 9 | 8 | 9 | 2 | 9 | 7 | 9 | 8 | 8 | 6 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 5 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 1 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 5 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 1 | | | 1 | | | | | 1 | | | | 1 | | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | |
| Parathyroid Gland | + | + | + | + | M | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------|
| | 078 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 079 | 078 | 079 | 077 | 078 | 078 | 076 | 077 | 077 | 077 | 077 | | 076 |
| 10000 ppm | 00151 | 00152 | 00153 | 00154 | 00155 | 00156 | 00157 | 00158 | 00159 | 00160 | 00161 | 00162 | 00163 | 00164 | 00165 | 00166 | 00167 | 00168 | 00169 | 00170 | 00171 | 00172 |
| Inflammation, Chronic Active
Bilateral, Duct, Cyst | | | | | | | | | | | | X | | | 3 | | | | X | | | X |
| Bilateral, Duct, Dilation | | 1 | 3 | 3 | 4 | 3 | 3 | | 3 | 2 | 3 | | | | 2 | | | 2 | 3 | 3 | | |
| Duct, Cyst | X | | | | | | | X | | | | X | | | | X | X | | | | | |
| Duct, Dilation | 3 | | | | | | | 2 | | | | 3 | | 3 | | 4 | 3 | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle
Inflammation, Granulomatous | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes
Inflammation, Granulomatous | | | 3 | | | | | | | | | | | | | | | | | | | |
| Germ Cell, Degeneration | | | | | | | | | | | | | | | | | 3 | | | | | |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | 2 | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow
Hypercellularity | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pigment | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric
Infiltration Cellular, Polymorphonuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Spleen
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Extramedullary Hematopoiesis | | 1 | | | | | | | 1 | 1 | | | | | 1 | 1 | 1 | 1 | | 2 | 1 | 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

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Experiment Number: 10260 - 02

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Species/Strain: MICE/B6C3F1/N

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2-Hydroxy-4-methoxybenzophenone

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Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|
| | 078 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | 078 | 079 | | |
| Hyperplasia, Lymphoid Pigment White Pulp, Atrophy | | 1 | | | | 1 | | | | 1 | | | | 1 | | | | | | 1 | 1 | 1 | | | | | |
| Thymus Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | | |
| Hyperplasia, Atypical, Lymphoid Inflammation, Granulomatous Epithelial Cell, Hyperplasia | | | | | | 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 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Increased Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | 4 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain Cerebrum, Degeneration, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Infiltration Cellular, Lymphocyte Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | 1 | 1 | 1 | 1 | | | | | | 1 | 1 | | 1 | | | 1 | | | 1 | 1 | 1 | | 1 | 1 | | |
| | | | | | 1 | | | | | | | | | | | | | | | 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
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1-4 .. Lesion qualified as:
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Experiment Number: 10260 - 02
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
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 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|--|
| B6C3F1/N MICE MALE | 10000 ppm | 0 | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | | 6 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | | 9 | | |
| ANIMAL ID | | 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 | | | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Glands, Olfactory Epithelium, Hyperplasia, Focal | | | | | | | | | | 1 | | | | | | | | | | | | |
| Glands, Respiratory Epithelium, Hyperplasia, Focal | | | 1 | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | | | | | | 1 | | | | | | | 1 | 1 | 1 | | | 1 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lens, Cataract | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration | | | | | | | | | | 1 | | | | | | | | | | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | 2 | 1 | | | | 1 | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | X | | X | | | | | | | X | | |
| Infarct | | | | 1 | | | | | | | | | | | | | | | 1 | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy, Chronic Progressive | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | males
(cont...) | | |
|---------------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|--|--|
| | | 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 | 7 | 7 | 7 | 7 | 7 | 7 | | | | |
| | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| | | 8 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 7 | 9 | 8 | 8 | 8 | 6 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 9 | 9 | 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 | | | | |
| | | 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 | 1 | 1 | 1 | 1 | 1 | | | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |
| | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2 | 3 | 2 | 2 | 1 | 2 | 1 | 2 | | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 3 | 3 | 3 | 2 | 2 | 2 | | | | | | | | | | | | |
| | | | 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
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Experiment Number: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
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 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| B6C3F1/N MICE MALE | DAY ON TEST | 0728 | 0728 | 0728 | 0729 | 0729 | 0671 | 0772 | 0772 | 0772 | 0772 | 0673 | 0778 | 0778 | 0778 | 0778 | 0548 | 0727 | 0674 | 0778 | 0778 | 0072 | 0072 | * TOTALS |
| | ANIMAL ID | 00176 | 00178 | 00188 | 00190 | 00191 | 00202 | 00304 | 00305 | 00306 | 00307 | 00308 | 00309 | 00310 | 00311 | 00312 | 00313 | 00314 | 00315 | 00316 | 00317 | 00318 | 00319 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Peyer's Patch, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Clear Cell Focus | | | X | | | | | | | | | | | | | | | X | | X | | | | | 8 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Hepatodiaphragmatic Nodule | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Mononuclear Cell | 1 | | | | | | | | | | | | | 1 | 1 | 1 | | | | | 1 | | 1 | | 8 1.0 |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Necrosis | | | | | | | | | | | | | | | 4 | | | | | | | | | | 1 4.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Centrilobular, Degeneration | | | | | | | 3 | | | | | | | | | | | | | | 2 | | | | 2 2.5 |
| Hepatocyte, Cellular Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | 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

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Experiment Number: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
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 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---|-----|-----|----|-----|-----|
| | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | | | 078 | | | | |
| ANIMAL ID | 00176 | 00177 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | 00191 | 00192 | 00193 | 00194 | 00195 | 00196 | | | | | | |
| Hepatocyte, Necrosis, Focal | | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | 1 | 10 | 1.0 | | | |
| Hepatocyte, Syncytial Alteration | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 48 | 1.8 | |
| Mesentery | | | | | | | | | | + | | | | | | | | | | | | | | | | 2 | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | 3 | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Acinus, Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Acinus, Eosinophilic Focus | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Tooth | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Dysplasia | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | | | 2 | 1 | 1 | 1 | 1 | 2 | 46 | 1.2 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Aorta, Degeneration, Hyaline | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cardiomyopathy | | | | | | | | | | 1 | | | | | | 1 | 2 | | | | | | | | | 5 | 1.2 |
| Venule, Inflammation, Granulomatous, Focal | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1.0 |
| ENDOCRINE 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
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 10260 - 02
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
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 Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|-----------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|
| | 0728 | 0728 | 0728 | 0728 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | 0729 | | | |
| ANIMAL ID | 001766 | 001767 | 001768 | 001769 | 001770 | 001771 | 001772 | 001773 | 001774 | 001775 | 001776 | 001777 | 001778 | 001779 | 001780 | 001781 | 001782 | 001783 | 001784 | 001785 | 001786 | 001787 | 001788 | 001789 | 001790 |
| Adrenal Cortex | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 1.0 |
| Hypertrophy, Focal | 1 | | | 1 | 1 | | | | | 1 | 1 | 1 | 1 | | | 1 | 4 | | | 1 | 1 | | 4 | | 19 1.4 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Adrenal Medulla | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia, Focal | | | | 3 | | | | | | | | | | | 2 | | | | | | | | | | 2 2.5 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | 1 | | | | | | 2 | | | | 1 | 1 | | | | 1 | | 1 | 1 | 2 | | 20 1.1 |
| Parathyroid Gland | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | 42 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pituitary Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Follicle, Degeneration | | | 1 | | | | | | | | | | | 1 | | 1 | | | | 1 | | 1 | | | 10 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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 Route: DOSED FEED
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2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

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First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| | 0
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| ANIMAL ID | 0
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9 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Bilateral, Duct, Cyst | | | | | | | | | | | | | | | | | | | X | X | | | | | 5 |
| Bilateral, Duct, Dilatation | 2 | 2 | 2 | 1 | 3 | 3 | | 3 | 3 | 3 | | 3 | | 3 | 3 | 3 | | 4 | | | 3 | 3 | 3 | 3 | 34 2.8 |
| Duct, Cyst | | | | | | | X | | | | X | X | | X | | | | X | | | | | | | 10 |
| Duct, Dilatation | | | | | | | 4 | | | | 3 | 3 | | 3 | | | | 3 | | | | | | | 11 3.1 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Granulomatous | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Germ Cell, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Germinal Epithelium, Atrophy | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 1.5 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hypercellularity | | | | | | | 2 | | | | | | | | | 2 | | | | 1 | | | 1 | 1 | 1 | 12 1.3 |
| Pigment | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 1.0 | |
| Thrombus | | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | 48 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Polymorphonuclear | | | | | 1 | | | | | | | | | | | | | | | | | 3 | | | 2 2.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 | |
| Extramedullary Hematopoiesis | | | 1 | | | | | 2 | | | | | 2 | 1 | 2 | | | | | 3 | 1 | | 3 | 1 | 19 1.6 | |

* .. 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|-----------------|------|-----|
| | 078 | 078 | 078 | 078 | 079 | 079 | 0761 | 0778 | 0778 | 0779 | 0777 | 0773 | 0778 | 0779 | 0778 | 0779 | 0775 | 0772 | 0773 | 0774 | | | 0767 | 0770 | 0777 | 0772 | 0778 | 0779 | |
| | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | | * TOTALS | | |
| Hyperplasia, Lymphoid Pigment
White Pulp, Atrophy | | | 1 | | 1 | | | | 1 | | | | | | 1 | | | | 1 | 1 | | | | 1 | 1 | | 7 | 1.0 | |
| | | 1 | | 1 | | | | | 1 | | | | | 1 | 1 | | | 1 | 1 | | | | 1 | 1 | | | 17 | 1.0 | |
| | | | | | | | | | 2 | | | | | | | | | | | | | | | | 4 | | 2 | 3.0 | |
| Thymus Atrophy
Hyperplasia, Atypical, Lymphoid Inflammation, Granulomatous Epithelial Cell, Hyperplasia | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| | | | | | | | | | 4 | | | | | | | | | | | | | | | | 3 | | 2 | 3.5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 4.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 |
| 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 | M | 2 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Increased Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain Cerebrum, Degeneration, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Infiltration Cellular, Lymphocyte Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| | 1 | 1 | 1 | 1 | | 1 | | | | | | | | | 1 | | | 1 | 1 | 1 | 1 | | | | | 1 | 27 | 1.0 | |
| | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 5 | 1.4 | |

* .. 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|
| | 078 | 078 | 078 | 078 | 079 | 079 | 061 | 076 | 077 | 077 | 077 | 067 | 076 | 077 | 077 | 077 | 054 | 072 | 072 | 063 | | 072 | 077 | 007 |
| ANIMAL ID | 00176 | 00017 | 00007 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 | 00008 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Glands, Olfactory Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | 3 1.0 |
| Glands, Respiratory Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | 1 | 1 | 1 | | | | | | | 1 | | | | | | | | 1 | 1 | 1 | 12 1.0 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Respiratory Epithelium, Hyperplasia, Focal | | 1 | 1 | 1 | 1 | 2 | 1 | | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 45 1.1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lens, Cataract | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | 2 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | X | X | | | X | | | | | | | | | | | | X | | | | X | X | 9 |
| Infarct | | | | | | | | | | | 1 | | | | | | | | | | | | | 3 1.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 46 1.0 |
| Metaplasia, Osseous | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Nephropathy, Chronic Progressive | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 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
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Experiment Number: 10260 - 02

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE MALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|----------|
| | 078 | 078 | 078 | 078 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | |
| ANIMAL ID | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | |
| | 0176 | 0176 | 0176 | 0176 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | 0178 | |
| Pelvis, Dilation | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Renal Tubule, Cytoplasmic Alteration | 3 | 2 | 3 | 3 | 2 | 2 | | 1 | 2 | 1 | 2 | 1 | 2 | 3 | | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 3 | 3 | 46 2.0 | |
| Renal Tubule, Dilation, Diffuse | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 1.0 | |
| Renal Tubule, Hyperplasia, Focal | | | | | | | | | | | | | 1 | | | | | | | | | | | | 3 1.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

*** END OF MALE DATA ***

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Experiment Number: 10260 - 02
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 Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | |
| B6C3F1/N MICE FEMALE | | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | females
(cont...) | |
| | | 2 | 2 | 2 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 2 | 2 | 8 | 2 | 2 | 9 | 2 | 7 | 2 | | |
| | 0 ppm | 8 | 8 | 8 | 8 | 7 | 5 | 7 | 7 | 6 | 6 | 6 | 9 | 6 | 6 | 2 | 6 | 7 | 7 | 6 | 7 | 3 | 7 | | 7 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 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 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | X | | | | | | | | | | X | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | X | X | | | X | | | | | | | | | | | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | 1 | 1 | 1 | | 1 | | | 1 | 1 | 1 | | | 1 | | 2 | 1 | 1 | | | 1 | 1 | 1 | 1 |
| Pigment | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | X | | | | | | | | | | | | | | X | X |
| Bile Duct, Cyst | | | | | | | | | | | | | | | X | | | | | | | | |
| Hepatocyte, Cellular Alteration | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Degeneration | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Intrahepatocellular Erythrocytes | | | | | | | | | | | | | | | | | | | | | | | |

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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 A .. Autolysis precludes evaluation
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 1-4 .. Lesion qualified as:
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 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

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 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
0 ppm | 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 | 0 | 0 | 0 | 0 | | | | |
| | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 0 | | | |
| | 2 | 2 | 2 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 2 | 8 | 2 | 2 | 2 | 9 | 2 | 7 | 3 | 2 | 2 | 2 | 0 | | | |
| | 8 | 8 | 8 | 8 | 7 | 5 | 7 | 7 | 6 | 6 | 6 | 9 | 6 | 6 | 2 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 0 | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 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 | 2 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 0 | | | |
| Hepatocyte, Necrosis, Focal | 2 | | | | | | | | | | | | | | | | | | | | 2 | | 1 | | | | | | |
| Mesentery | + | + | | | + | | | | | | | | | | | + | + | | | | | | | | | | | + | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Fat, Necrosis | 4 | 3 | | | 4 | | | | | | | | | | | 3 | 2 | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Acinus, Basophilic Focus | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | + | + | | | | | | | | | | | + | | | | |
| Dysplasia | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | 1 | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
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8 | | |
| 0 ppm | 0
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3 | 0
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2
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4 | 0
0
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7 | 0
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8 | 0
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9 | 0
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7 | 0
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8 | 0
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2
0
9 | 0
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0
0 | 0
0
2
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1 | 0
0
2
0
2 | 0
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2
0
3 | 0
0
2
0
4 | 0
0
2
0
5 |

Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Infiltration Cellular, Mast Cell

2
4

Lymph Node, Mesenteric
Extramedullary Hematopoiesis
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Infiltration Cellular, Plasma Cell
Inflammation, Chronic Active

+ + + + + + + + + + A + + + + + + + + + + + + + + +
3
2
2

Spleen
Extramedullary Hematopoiesis
Hyperplasia, Lymphoid
Necrosis
Pigment

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

Thymus
Ectopic Parathyroid Gland
Hyperplasia, Lymphoid
Hyperplasia, Diffuse

+ + M + + + + + + + + + + M + + + + + + + + + + + +
2
2 3
4

INTEGUMENTARY SYSTEM

Mammary Gland
Hyperplasia

+
2 1 1

Skin

+ +

MUSCULOSKELETAL 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|----------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | |
| 0 ppm | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | |
| 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 | |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| | 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 | |
| | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 10 | 11 | 12 | 13 | 14 | 15 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | | 1 | | 3 | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | | | 1 | 2 | | 2 | | | 1 |
| Epiphysis, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | + | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Developmental Malformation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Cerebrum, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Meninges, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | 1 | 2 | 2 | 1 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | |
| 0 ppm | 26 | 26 | 26 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 267 |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 222 |
| | 22 | 22 | 22 | 22 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 222 |
| | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 667 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Basophilic Focus | | | | | | | | | | | | | | X | | | | | | X | | | | | 4 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | X | | | 1 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell | 1 | | | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | 2 | 35 1.1 | |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 1.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | X | | 4 |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocyte, Cellular Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hepatocyte, Degeneration | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 1.0 |
| Hepatocyte, Intrahepatocellular Erythrocytes | | | | | | | | | | | | | | | | | | | | | | | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | | |
| 0 ppm | 26 | 27 | 26 | 28 | 28 | 28 | 28 | 28 | 25 | 21 | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 27 | 29 | 28 | 28 | 28 | 27 | | |
| 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 | | |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | | |
| | 22 | 22 | 22 | 22 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | | |
| | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | | |
| Hepatocyte, Necrosis, Focal | | | | | | | | | | | 1 | | 1 | | | | | 1 | | 1 | | | | | |
| Mesentery | | | | + | | | | | + | | | | | | | | | | | + | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | | |
| Acinus, Atrophy | | | | | 1 | | | | | | | | | | | | | | 2 | | | | | | |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Acinus, Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|----------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | | 07 | 07 | 07 |
| 0 ppm | 26 | 26 | 26 | 28 | 28 | 28 | 28 | 28 | 28 | 25 | 21 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 29 | 28 | 28 | 28 | 28 | 27 |
| 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 |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| | 22 | 22 | 22 | 22 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| | 67 | 67 | 68 | 69 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Aorta, Mineral | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Valve, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--------|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Accessory Adrenal Cortical Nodule | 1 | | | | | | | | | | | | | | | | | | | | | | | | 9 1.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Hypertrophy, Focal | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Hyperplasia | 1 3 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 11 1.6 |
| Parathyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Pars Distalis, Hyperplasia, Focal | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 15 1.5 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Follicle, Degeneration | 1 2 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 20 1.4 |

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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
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8 | 0
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2
8 | | 0
7
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8 | 0
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7 | | | |
| 0 ppm | 0
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6 | 0
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7 | 0
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8 | 0
0
2
2
9 | 0
0
2
3
0 | 0
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1 | 0
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3 | 0
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4 | 0
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7 | 0
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8 | 0
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9 | 0
0
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0 | 0
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4
1 | 0
0
2
4
2 | 0
0
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3 | 0
0
2
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4 | 0
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2
4
5 | 0
0
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4
6 | 0
0
2
4
7 | 0
0
2
4
8 | 0
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4
9 | 0
0
2
5
0 | |

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|----|-----|-----|-----|--|--|--|---|-----|---|--|--|---|-----|--|---|--|--|--|--|--|---|---|-----|
| Clitoral Gland | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Duct, Dilation | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | | 41 | 2.4 | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | X | X | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Dilation | | | | | | | | | | | | | | | 2 | | 3 | | 3 | | | | | | | | 7 | 2.3 | | | | | | | | | | | | | | | | | | | | |
| Ovary | | | | | | | | | | | | | | | | | | | | | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 | 2 | 2 | 1 | 4 | | 2 | 3 | 2 | | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 2 | 2 | 2 | | 47 | 2.3 | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | X | | | | | | | | | | | | | | | | | | X | X | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| Thrombus | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| Paraovarian Tissue, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Uterus | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 | 2.0 | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 2 | 2 | 3 | 2 | 3 | 1 | 1 | 3 | | 4 | 2 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | | 4 | 2 | 2 | 2 | 3 | 4 | | 44 | 2.3 | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|----|-----|--|--|--|--|--|--|--|---|-----|--|--|--|---|-----|
| Bone Marrow | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | | | | | |
| Hypercellularity | 2 | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | 10 | 2.6 | | | | | | | | | | | | | | |
| Pigment | 1 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 6 | 1.0 | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Lymph Node, Mandibular | | | | | | | | | | | | | | | | | | | | | 46 | | | | | | | | | | | | | | | | | | | |
| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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
 2) Mild 4) Marked

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE
0 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------|-------|
| | 0
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8 | 0
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8 | 0
7
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7 | 0
6
9
1 | 0
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8 | 0
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8 | 0
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8 | 0
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7 | | | | |
| ANIMAL ID | 0
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6 | 0
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7 | 0
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2
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4
9 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | A | + | M | M | + | + | + | 45 | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 3.5 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 49 | |
| Extramedullary Hematopoiesis | 1 | | | | 1 | | 1 | 1 | 1 | 4 | 1 | 1 | | 1 | | 1 | | 2 | | 1 | | 1 | 1 | 2 | 30 1.5 | |
| Hyperplasia, Lymphoid | | | | | 2 | | 1 | | 3 | | | | | | | | | | | | | | 1 | 4 | 11 1.9 | |
| Necrosis | | | | | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pigment | 1 | | | | | 1 | | 1 | | | | | | | 1 | | 1 | | 1 | | 1 | | | | 12 1.0 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Ectopic Parathyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | | | | | | 2 | | 1 | | | | | | | | | | | | | | | | 4 | 5 2.4 | |
| Hyperplasia, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| MUSCULOSKELETAL 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE
0 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | |
| 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 | | |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | | |
| | 66 | 66 | 66 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | | |
| | 22 | 22 | 22 | 22 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | | |
| | 66 | 67 | 68 | 69 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibro-Osseous Lesion | 1 | 1 | | 1 | | | 1 | 1 | 1 | | | 1 | | | | | | | | 1 | | | 2 | 2 | 23 | 1.3 |
| Epiphysis, Degeneration | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Skeletal Muscle | | | | | | | | | | + | | | | | | | | | | | | | | | 3 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Developmental Malformation | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Cerebrum, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Meninges, Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | 2 | 2 | 1 | 1 | 2 | | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 2 | 2 | 1 | 1 | 1 | 38 | 1.2 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Artery, Inflammation, Chronic Active | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1.0 |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | 5 | 1.0 |
| Respiratory Epithelium, Hyperplasia, Focal | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | | 1 | 2 | 1 | | 1 | 2 | 46 | 1.3 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |

SPECIAL SENSES 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
0 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|--|--|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | | |
| 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 | | | |
| | 26 | 26 | 26 | 28 | 28 | 28 | 28 | 28 | 25 | 21 | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 27 | 27 | 29 | 28 | 28 | 28 | 27 | | | |
| | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 49 | | |
| Lens, Cataract | | | | | | | | | | | | | | | | | | | 1 | | | | | | 2 1.0 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 49 | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 49 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 | | |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 47 1.0 | | |
| Mineral | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Nephropathy, Chronic Progressive | | 1 | 1 | 4 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | 1 | 1 | 1 | 45 1.1 | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------------------|
| B6C3F1/N MICE FEMALE | DAY ON TEST | 04 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | females
(cont...) |
| | ANIMAL ID | 08 | 07 | 02 | 02 | 02 | 06 | 02 | 02 | 02 | 02 | 08 | 02 | 08 | 08 | 08 | 03 | 00 | 02 | 07 | 06 | 07 | 04 | 02 | 02 | 02 | |
| 1000 ppm | | 4 | 7 | 7 | 7 | 6 | 3 | 6 | 6 | 7 | 7 | 6 | 8 | 8 | 8 | 3 | 2 | 7 | 6 | 7 | 4 | 4 | 7 | 7 | 7 | 7 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | |
| Mixed Cell Focus | | | X | | | | | | | | | | | | | | | | | | | X | | | |
| Bile Duct, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centrilobular, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Cellular Alteration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|-----------|----------------------|
| | 0
4
8
4 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
6 | 0
6
6
3 | 0
7
2
6 | 0
7
2
6 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
5
2
6 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
6
3
3 | 0
6
0
2 | 0
7
2
7 | 0
7
2
6 | 0
6
4
4 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
0
2
5
1 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Mesentery
Artery, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Acinus, Basophilic Focus
Duct, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Glandular
Epithelium, Degeneration
Muscularis, Mineral | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 1 |
| Tooth
Dysplasia | | | | + | | | | + | | + | | | + | | + | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Blood Vessel
Aorta, Mineral | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 4 |
| Heart
Cardiomyopathy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Adrenal Cortex
Accessory Adrenal Cortical Nodule
Extramedullary Hematopoiesis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 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: 10260 - 02
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|------------------------|------|
| | 0484 | 0727 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0777 | 0777 | 0777 | 0575 | 0777 | 0777 | 0777 | 0676 | 0676 | 0777 | 0777 | 0676 | 0777 | | | 0777 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0000000000000000000000 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0000000000000000000000 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5555555555555555555555 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 1234567890123456789012 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Angiectasis | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Atrophy | 2 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 4 | 2 | | |
| Cyst | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Paraovarian Tissue, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Endometrium, Hyperplasia, Cystic | 2 | | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 2 | 1 | 3 | 2 | 2 | | 2 | 3 | 1 | 3 | 3 | 2 | 2 | 4 | 2 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hypercellularity | | | | | | | | | | | | | | | | 4 | 2 | | 3 | | 4 | | | | | |
| Lymph Node | | | | | | | | | | | | + | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia, Lymphoid | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Ectasia | | | | | | | | | | 4 | | | | | | | | | | | | | 2 | | | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Extramedullary Hematopoiesis | | 1 | 1 | 1 | 1 | | | 2 | 2 | 1 | 1 | | | | 2 | 1 | 2 | 1 | 1 | 4 | | | 4 | 1 | 1 | |
| Hyperplasia, Lymphoid | | | | | | | 1 | | | | 1 | 1 | | | | 2 | | | | | | | | | | |
| Pigment | | 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
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 1-4 .. Lesion qualified as:
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Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | 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 | |
| | | 4 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
| B6C3F1/N MICE FEMALE | | 8 | 2 | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 2 | 8 | 2 | 2 | 2 | 3 | 0 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | |
| | | 4 | 7 | 7 | 7 | 6 | 3 | 6 | 6 | 7 | 7 | 6 | 8 | 8 | 8 | 3 | 2 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1000 ppm | | 0 | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| ANIMAL ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | females (cont...) |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Hyperplasia, Lymphoid | | | | | | 1 | | | | | 1 | | | | | 3 | | | | | | | | | | 2 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcutaneous Tissue, Fibrosis | | | | | | | | | | 3 | 4 | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | | | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | 1 | | | | | 1 | | | 2 | | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | + |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Meninges, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Pigment | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Neuron, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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| B6C3F1/N MICE FEMALE

1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(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 | |
| | 4 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | 8 | 2 | 2 | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 2 | 8 | 2 | 2 | 2 | 3 | 0 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | |
| 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 | |
| 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 | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

Hyperplasia, Focal

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infarct | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 2 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineral | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Nephropathy, Chronic Progressive | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 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:

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Experiment Number: 10260 - 02

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Date Report Requested: 02/14/2017

Test Type: CHRONIC

2-Hydroxy-4-methoxybenzophenone

Time Report Requested: 15:26:56

Route: DOSED FEED

CAS Number: 131-57-7

First Dose M/F: 07/16/10 / 07/15/10

Species/Strain: MICE/B6C3F1/N

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| 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 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 5 | 7 | 7 | 7 | 7 | |
| B6C3F1/N MICE FEMALE | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 7 | 5 | 2 | 2 | 2 | 2 | 2 | |
| | 7 | 0 | 7 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | |
| 1000 ppm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|-----------|
| Esophagus | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basophilic Focus | | | | | | | | | | | X | | | | | | | | | | | | 2 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | X | | | 1 | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 | |
| Infiltration Cellular, Mononuclear Cell | 1 | | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | | 1 | 40 1.0 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | X | 3 | |
| Bile Duct, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Centrilobular, Degeneration | | 3 | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hepatocyte, Cellular Alteration | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 | |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 | |
| Hepatocyte, Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | |

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

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|----|----|
| | 07 | 05 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | | 04 | 05 | 07 | 07 | 07 |
| B6C3F1/N MICE FEMALE | 27 | 30 | 27 | 19 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 57 | 22 | 22 | 22 | 22 |
| 1000 ppm | 76 | 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 |
| ANIMAL ID | 27 | 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 |

Mesentery Artery, Mineral + 3 1 2.0

Pancreas Acinus, Basophilic Focus Duct, Cyst + + + A + 49 2 1

Salivary Glands + + + M + 49

Stomach, Forestomach + 50

Stomach, Glandular Epithelium, Degeneration Muscularis, Mineral + + + A + + + + + + + + + + + + + + A + + + + + + 48 1 1.0 1 1.0

Tooth Dysplasia + 1 + 1 + 8 8 1.0

CARDIOVASCULAR SYSTEM

Blood Vessel Aorta, Mineral + 50 1 4.0

Heart Cardiomyopathy + + + + + + + + + 2 1 + + + + + + + + + + + + + + + + 50 3 1.3

ENDOCRINE SYSTEM

Adrenal Cortex Accessory Adrenal Cortical Nodule Extramedullary Hematopoiesis + 50 2 1.0 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
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Experiment Number: 10260 - 02

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Lab: BAT

| B6C3F1/N MICE FEMALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|
| | 07 | 05 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 04 | 05 | | 07 | 07 | 07 |
| 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 |
| | 27 | 23 | 22 | 21 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| | 67 | 67 | 68 | 69 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |

Hyperplasia, Focal
Subcapsular, Hyperplasia

3

1 1.0
2 3.5

Adrenal Medulla
Hyperplasia, Focal

+ +

4

50
2 2.5

Islets, Pancreatic
Hyperplasia

+ + + A +

1

49
3 1.0

Parathyroid Gland

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

37

Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia, Focal

+ +

X

X

49
3
24 1.8

Thyroid Gland
Ectopic Thymus
Follicle, Degeneration

+ + + M +

1

49
3 1.3
30 1.3

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
Bilateral, Duct, Cyst
Bilateral, Duct, Dilation
Duct, Cyst
Duct, Dilation

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

1

3

2

2

X

X

46
1
34 2.2
4
10 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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Time Report Requested: 15:26:56

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Lab: BAT

| B6C3F1/N MICE FEMALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|-----------------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | 07
27 | 05
30 | 07
27 | 06
21 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 07
28 | 06
29 | 07
27 | 04
25 | | 05
22 | 07
26 | 07
26 | 07
26 | 07
26 | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Atrophy | 4 | 2 | 4 | 4 | 2 | 3 | 2 | 4 | 2 | 4 | | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | | 49 | 3.2 | |
| Cyst | | | | | | | | | | | | X | X | X | | | | | X | | | X | | | 5 | | |
| Paraovarian Tissue, Cyst | X | | | | | | | | | | X | X | | | | | | | | | | | | | 3 | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Endometrium, Hyperplasia, Cystic | 1 | 2 | 4 | 1 | 1 | 4 | 3 | 3 | 3 | 1 | 2 | 3 | 2 | 4 | 4 | 2 | 2 | 2 | 2 | | 1 | 3 | 4 | 3 | 47 | 2.4 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hypercellularity | | 3 | | 4 | | | | | | 2 | | | | | | | | 2 | | 2 | | | | 10 | 2.8 | | |
| Lymph Node | | | | + | | | | | | | | | | | | | | | | | | + | | | 4 | | |
| Lymph Node, Mandibular | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 3.0 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Ectasia | | 3 | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 | | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | |
| Hyperplasia, Lymphoid | | | | | 3 | 2 | | 1 | | | | | | | | 1 | 4 | | | | 3 | | | 1 | 3.0 | | |
| Infiltration Cellular, Histiocyte | | | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | | | | | | | | | | 1 | 1 | 3.0 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Extramedullary Hematopoiesis | | 4 | 1 | | 1 | | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | | 1 | 4 | 4 | 1 | 1 | 37 | 1.6 | | |
| Hyperplasia, Lymphoid | | | | | 3 | 2 | | 1 | | | | | | | | | 1 | 4 | | | | 3 | | 10 | 1.9 | | |
| Pigment | 1 | | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | | | | | | | | | | 1 | 10 | 1.0 | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

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Lab: BAT

| B6C3F1/N MICE FEMALE
1000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|
| | 07 | 05 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 04 | 05 | | 07 | 07 | 07 |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Atrophy | | 3 | | | | | | | | | | | | | | | | | | | 4 | | | | 4 3.5 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 1 | | | | 3 | | | | | | | | 6 1.8 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | 1 | | | | | | | | | | | | | | | | | | | | | 4 1.8 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Subcutaneous Tissue, Fibrosis | | | | | | | | | | | | | 3 | | | | | | | | | | | | 3 3.3 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibro-Osseous Lesion | | | 1 | 1 | 1 | | 2 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | | 1 | | 1 | 1 | 1 | 2 | 26 1.1 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Meninges, Infiltration Cellular, Lymphocyte | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Meninges, Pigment | | 3 | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Neuron, Necrosis | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Peripheral Nerve | + | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Polymorphonuclear | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Axon, Degeneration | | 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
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Experiment Number: 10260 - 02

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2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

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First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS | | | |
|----------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----|----|----|
| | 07 | 05 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 04 | | | 05 | 07 | 07 |
| 1000 ppm | 27 | 23 | 20 | 21 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 26 | 27 | 24 | 25 | 27 | 27 | 27 | 27 |
| | 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 |
| | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| | 67 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|
| Spinal Cord | + | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Gliosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | 1 | 1 | | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | 30 | 1.1 | |
| Alveolar Epithelium, Hyperplasia | 1 | | | | | | | 4 | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Vein, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Glands, Hyperplasia, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | | 1 | | | | 1 | | | | | | | 1 | | | 1 | | | | 1 | | | 11 | 1.0 |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 46 | 1.1 | |
| Trachea | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Phthisis Bulbi | | | | | | | | | X | | | | | | | | | | | | | | | | | 2 | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Lens, Cataract | | | | | | | | | | | | | | | | | 3 | | | | | | | | | 2 | 2.0 |
| Retina, Dysplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
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BLANK .. Not examined microscopically
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1000 ppm | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|----------------------------------|-------------|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|-----|----|--|
| | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | 29 | 30 | |
| | 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 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 5 | 7 | 7 | 7 | |
| | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 7 | 5 | 2 | 2 | 2 | 2 | |
| | 7 | 0 | 7 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 8 | 7 | 7 | 6 | 6 | 6 | 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 | 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 | 3 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| | | | 2 | | | | | 1 | | | | | | | | | | | | | | | 2 | 1.5 | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 | 1.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 42 | 1.0 | |
| Metaplasia, Osseous | | | | | X | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Nephropathy, Chronic Progressive | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 46 | 1.0 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | 3 | | | | | | | 2 | 2.5 |
| 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

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| B6C3F1/N 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 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| 3000 ppm | 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 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Calculus Micro Observation Only | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Basophilic Focus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + |
| Clear Cell Focus | | | | | | | X | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | X | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | X |
| Pigment | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | X | | | | | | | | |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE
3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|---|
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7 | |
| Hepatocyte, Necrosis, Focal | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Pancreas
Degeneration
Acinus, Atrophy
Acinus, Basophilic Focus
Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Stomach, Forestomach
Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Stomach, Glandular
Epithelium, Mineral
Muscularis, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Tooth
Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Blood Vessel
Aorta, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Heart
Artery, Inflammation, Chronic Active
Myocardium, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |

* .. 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

| 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 | |
|-----------------------------|-----------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1/N MICE FEMALE | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 3000 ppm | 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 |
| | | | 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 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

females
(cont...)

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Degeneration, Fatty | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Hyperplasia, Focal | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Focal | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | 1 | | | | | | | | | | | | | | | 2 | | | 1 | |
| Parathyroid Gland | + | + | + | + | + | M | M | + | M | M | M | M | M | M | + | M | M | M | M | M | M | + | + | + | + | |
| Cyst | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | 1 | 1 | | 1 | 1 | | | | 3 | | | | | 2 | | | | | | |
| Pars Distalis, Pigment | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Thyroid Gland | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| C-cell, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | 1 | | 1 | 1 | | | | | | | | | | | | | | | 1 | | 1 | 1 | | 1 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| B6C3F1/N MICE FEMALE | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3000 ppm | | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 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 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Duct, Dilation | | | | 2 | 2 | 3 | 2 | 2 | 2 | 2 | | 2 | 2 | | 2 | 2 | 2 | | 2 | 2 | | | | |
| Duct, Dilation | 2 | 2 | 2 | | | | | | | | | 2 | | | 2 | | | | 2 | | | 2 | 2 | 1 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 2 | 3 | 2 | 1 | 3 | 3 | 2 | | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 3 |
| Cyst | | | | X | | X | X | | | | | | | | | | | | | | X | | | |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | | | |
| Corpus Luteum, Hyperplasia | | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Paraovarian Tissue, Cyst | | | | | | | | X | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Endometrium, Hyperplasia, Cystic | 3 | 3 | 4 | 1 | 3 | | 4 | 1 | 1 | 4 | 3 | 3 | 4 | 4 | 1 | 3 | 1 | 4 | 3 | | 1 | 1 | 3 | 4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hypercellularity | | | | | | 2 | | | | 4 | | | | 2 | | | | 2 | | | | | | |
| Lymph Node | | | | | | | | | | | + | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | 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: 10260 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 02/14/2017
Time Report Requested: 15:26:56
First Dose M/F: 07/16/10 / 07/15/10
Lab: BAT

| B6C3F1/N MICE FEMALE
3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|
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| Lymph Node, Mandibular
Extramedullary Hematopoiesis
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Extramedullary Hematopoiesis | 1 | 1 | 1 | 1 | 1 | 4 | | | 2 | 1 | 1 | | 1 | | 1 | 1 | 1 | | 2 | 1 | | | 1 | |
| Hyperplasia, Lymphoid | | | 1 | | | | | | | 1 | | 1 | | | | | | | 2 | | | | 1 | |
| Pigment | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Red Pulp, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pulp, Atrophy | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Ectopic Parathyroid Gland | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigment | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Epithelial Cell, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Subcutaneous Tissue, Fibrosis | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Subcutaneous Tissue, Inflammation, Focal,
Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |

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

Experiment Number: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1/N MICE FEMALE | 3000 ppm | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |

females
(cont...)

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Granulomatous, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Infiltration Cellular, Lymphocyte | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Pigment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Neuron, Necrosis | | | | | | 3 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | 1 | 1 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mineral | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 10260 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 02/14/2017
Time Report Requested: 15:26:56
First Dose M/F: 07/16/10 / 07/15/10
Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|--|
| B6C3F1/N 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 | 3000 ppm | ANIMAL ID | 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 | 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 | 0 | 0 | 0 | 0 | | | | | | | | | | | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | |
| 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 6 | 6 | 2 | 6 | 6 | 6 | 7 | 7 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Cornea, Inflammation, Chronic Active | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Lens, Cataract | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infarct | | | | | | | | | | | | 1 | | | | | | 1 | | | 1 | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| Metaplasia, Osseous | | | | | | | | | | X | | | | | | | | X | | | | | |
| Nephropathy, Chronic Progressive | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
3000 ppm | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 5 | 2 | 8 | 8 | 8 | 8 | 8 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Calculus Micro Observation Only | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | 1 4.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Eosinophilic Focus | | | | X | | | | X | | | | | | | | X | X | | X | | | | | | | | | | 5 |
| Extramedullary Hematopoiesis | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | 2 1.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Mononuclear Cell | | | | 1 | | 1 | 1 | 1 | 1 | | 3 | 1 | 2 | 1 | 1 | | 1 | | 1 | | 1 | 1 | 1 | | 1 | | | | 38 1.1 |
| Mixed Cell Focus | | | | | | X | | | | X | X | | | | | | | | | | | | | | | | | | 4 |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 1.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | | | | 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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CAS Number: 131-57-7

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First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE

3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|---|
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| ANIMAL ID | 0
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| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 3 | 6 | 5 | 2 | 8 | 8 | 6 |
| | 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 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 |

Hepatocyte, Necrosis, Focal 1 2 1.0

Mesentery +
 Fat, Necrosis 2 1 4.0

Pancreas + 50
 Degeneration 1 1.0
 Acinus, Atrophy 2 3 1.3
 Acinus, Basophilic Focus X X 3
 Artery, Inflammation, Chronic Active 1 4.0

Salivary Glands + 50

Stomach, Forestomach + 50
 Epithelium, Hyperplasia, Focal 2 1.0

Stomach, Glandular + 49
 Epithelium, Mineral 1 1.0
 Muscularis, Mineral 2 1 2.0

Tooth + 8
 Dysplasia 1 1 1 1 8 1.0

CARDIOVASCULAR SYSTEM

Blood Vessel + 50
 Aorta, Mineral 3 1 3.0

Heart + 50
 Artery, Inflammation, Chronic Active 1 2.0
 Myocardium, Mineral 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:
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CAS Number: 131-57-7

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First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE
3000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|--------|--------|-------|-------|
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| ANIMAL ID | 0
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9 | 0
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3
0 | 0
0
3
3
1 | 0
0
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3
2 | 0
0
3
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3 | 0
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3
4 | 0
0
3
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5 | 0
0
3
3
6 | 0
0
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3
7 | 0
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3
3
8 | 0
0
3
3
9 | 0
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0 | 0
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3
4
1 | 0
0
3
4
2 | 0
0
3
4
3 | 0
0
3
4
4 | 0
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4
5 | 0
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6 | 0
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3
4
7 | 0
0
3
4
8 | 0
0
3
4
9 | 0
0
3
4
0 | | | | | |
| Lymph Node, Mandibular
Extramedullary Hematopoiesis
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | I | 47 | 1 1.0 | 1 4.0 | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 1 2.0 | | | |
| Spleen
Extramedullary Hematopoiesis
Hyperplasia, Lymphoid
Pigment
Red Pulp, Atrophy
White Pulp, Atrophy | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 31 1.4 | 11 1.9 | 36 1.0 | 1 3.0 | 1 2.0 |
| Thymus
Atrophy
Ectopic Parathyroid Gland
Hyperplasia, Lymphoid
Pigment
Epithelial Cell, Hyperplasia | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 4.0 | 1 1.0 | 4 1.5 | 1 3.0 | 1 1.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 3 1.3 | | | | |
| Skin
Subcutaneous Tissue, Fibrosis
Subcutaneous Tissue, Inflammation, Focal,
Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 3 3.0 | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|
| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | |
| | 0
7
2
7 | 0
7
2
7 | 0
7
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7 | 0
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7 | 0
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7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | | 0
7
2
7 | | |
| 3000 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | |
| 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
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1 | 0
0
3
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2 | 0
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5 | 0
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6 | 0
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7 | 0
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8 | 0
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9 | 0
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7 | 0
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8 | 0
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3
4
9 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibro-Osseous Lesion | | 1 | 1 | | 2 | | | | | 1 | | 1 | | | | 1 | | 1 | | | 1 | 1 | 25 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Granulomatous, Focal | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Artery, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | 1 | | | | | | | | | | 2 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Meninges, Pigment | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Neuron, Necrosis | | | | | | | | | | | | | | | 3 | | 2 | | | | | | 4 2.3 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 41 1.1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | 4 | | | | | | | | | 3 2.3 |
| Artery, Mineral | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bronchiole, Mineral | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | | | | | | 1 | 1 | | 1 | | 1 | 1 | | | | | | | | 7 1.0 |
| Respiratory Epithelium, Hyperplasia, Focal | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 44 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Mineral | | | | | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| B6C3F1/N MICE FEMALE | 3000 ppm | 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 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 |
| | | 2 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 |
| 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 | | |
| | | 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 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Bilateral, Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lens, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infarct | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.0 |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | 44 | 1.1 | |
| Metaplasia, Osseous | | | X | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Nephropathy, Chronic Progressive | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 47 | 1.0 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| Urinary Bladder | + | + | + | + | 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

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

Hepatocyte, Necrosis, Focal

1 1

Mesentery

+ +

Inflammation, Chronic Active

4

Thrombus

X

Artery, Inflammation, Chronic Active

4 2

Pancreas

+ +

Acinus, Atrophy

2

Acinus, Basophilic Focus

Duct, Cyst

X

Duct, Inflammation, Chronic Active

2

Salivary Glands

+ +

Inflammation, Chronic Active

2

Stomach, Forestomach

+ +

Stomach, Glandular

+ +

Tooth

+ +

Dysplasia

1 1 1

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

Cardiomyopathy

1

Artery, Inflammation, Chronic Active

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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|-----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| B6C3F1/N MICE FEMALE | 10000 ppm | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | 8 | |
| Follicle, Degeneration | | 2 | | 1 | | | 2 | | | 2 | | | 1 | | 1 | | 1 | | 1 | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Bilateral, Duct, Dilation | | | | 2 | 3 | 3 | 3 | 3 | 3 | | 3 | 3 | | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | | |
| Duct, Dilation | 3 | | 3 | | | | | | | 3 | | | 2 | | | | | | | | | | 2 | 2 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Angiectasis | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Atrophy | | 4 | 3 | 3 | 3 | 1 | 3 | 3 | 1 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 4 | 3 |
| Cyst | | | X | | | X | X | | | | | | | | | | | | | | | | | X | |
| Cyst, Epithelial | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Corpus Luteum, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paraovarian Tissue, Cyst | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 1 | 3 | 3 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 1 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hypercellularity | | | | | | | | | 1 | | | 4 | 4 | | | | 2 | | 4 | | | 2 | 2 | | 4 | 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: 10260 - 02
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|
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7 | 0
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2
7 | | |
| Pigment | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Pigment | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | I | M | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | 2 | | 2 | | 1 | | 1 | | | | 3 | | 1 | | 3 | | 1 | | 1 | | 4 | 2 |
| Pigment | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | 1 | | 1 | | 1 | | 1 | | 1 | 1 | 1 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

Experiment Number: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
10000 ppm | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 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 | | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |

Hyperplasia

4 1 1 1

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone

+ +

Fibro-Osseous Lesion

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

NERVOUS SYSTEM

Brain

+ +

Artery, Inflammation, Chronic Active

4

Meninges, Infiltration Cellular, Lymphocyte

Neuron, Necrosis

2

Venule, Infiltration Cellular, Lymphocyte

RESPIRATORY SYSTEM

Lung

+ +

Infiltration Cellular, Lymphocyte

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

Alveolar Epithelium, Hyperplasia

Bronchiole, Hyperplasia

Nose

+ +

Foreign Body

1

Inflammation, Acute

1

Glands, Olfactory Epithelium, Hyperplasia, Focal

1

Olfactory Epithelium, Metaplasia, Respiratory, Focal

1 1 1 1

* .. 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE
10000 ppm | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|---|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------|--------|
| | | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | | 0
7 |
| ANIMAL ID | | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | 0
0 | |
| | | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia, Focal | | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lens, Cataract | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Hyperplasia, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Cyst | | | X | | | | | | | | | | | X | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 2 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Metaplasia, Osseous | | | | | | | X | | | | | | | | | | X | | X | X | X | | |
| Nephropathy, Chronic Progressive | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation, Diffuse | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigment | | | | | | | | | | | 2 | | | | | | | 2 | | | | | |
| Renal Tubule, Regeneration | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|----------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|
| | 078 | 078 | 078 | 078 | 078 | 076 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 076 | | | |
| 10000 ppm | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 50 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-----|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Gallbladder | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Large, Cecum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Small, Ileum
Inflammation, Suppurative | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 1.0 | |
| Intestine Small, Jejunum
Inflammation, Suppurative | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 1.0 | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hematocyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Mononuclear Cell | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 40 | 1.1 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hepatocyte, Increased Mitoses | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Hepatocyte, Intrahepatocellular Erythrocytes | | | | | | | | | | | | | | | | | | | | | | | | | | 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: 10260 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 2-Hydroxy-4-methoxybenzophenone
 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE
10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|---|---|---|-----|----|-----|---|---|-----|
| | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | 078 | | | 078 | | | | | | | | | | | |
| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | | | | | | | | | |
| Hepatocyte, Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 1.0 | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | | | |
| Acinus, Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Duct, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 | 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|-----|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 1.5 |

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

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

Experiment Number: 10260 - 02
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 CAS Number: 131-57-7

Date Report Requested: 02/14/2017
 Time Report Requested: 15:26:56
 First Dose M/F: 07/16/10 / 07/15/10
 Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|----------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|--|
| | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | 06 | |
| 10000 ppm | 28 | 28 | 28 | 28 | 28 | 63 | 22 | 62 | 22 | 66 | 22 | 66 | 22 | 68 | 22 | 68 | 22 | 66 | 22 | 68 | 22 | 64 | |
| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | |
| | 00398 | 00399 | 00400 | 00401 | 00402 | 00403 | 00404 | 00405 | 00406 | 00407 | 00408 | 00409 | 00410 | 00411 | 00412 | 00413 | 00414 | 00415 | 00416 | 00417 | 00418 | 00419 | |
| | 00420 | 00421 | 00422 | 00423 | 00424 | 00425 | 00426 | 00427 | 00428 | 00429 | 00430 | 00431 | 00432 | 00433 | 00434 | 00435 | 00436 | 00437 | 00438 | 00439 | 00440 | 00441 | |
| | 00442 | 00443 | 00444 | 00445 | 00446 | 00447 | 00448 | 00449 | 00450 | 00451 | 00452 | 00453 | 00454 | 00455 | 00456 | 00457 | 00458 | 00459 | 00460 | 00461 | 00462 | 00463 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Accessory Adrenal Cortical Nodule | | | | 1 | | 1 | | | | | | | 1 | | | | | | | | | | | | 4 | 1.0 |
| Degeneration, Fatty | | | | | | | | 1 | | | | | | | | | | | | | | | | | 3 | 1.3 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 | 1.0 |
| Hypertrophy, Focal | | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 | 1.0 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | 4 | | | | | | | 3 | 3.3 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Atrophy | | | | | | | 4 | | | | | | | | | | | | | | | | | | 2 | 4.0 |
| Hyperplasia | | | | | | | | 1 | | | | | | | | | | | | | | | | | 7 | 1.1 |
| Parathyroid Gland | + | + | + | + | M | M | M | M | M | + | M | M | + | + | + | + | M | M | + | M | + | + | 21 | | | |
| Inflammation, Chronic Active | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | X | | | | | | 1 | |
| Pars Distalis, Hyperplasia, Focal | | | | 1 | | 1 | | 3 | | 2 | 3 | 1 | | | 1 | | | | | | 2 | | | 17 | 2.0 | |
| Pars Nervosa, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | 3 | 1.0 |
| C-cell, Hyperplasia | | | | | | | | | | | 3 | | | 1 | | | | | | | | | | | 2 | 2.0 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 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: 10260 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 02/14/2017

Time Report Requested: 15:26:56

First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

| B6C3F1/N MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | |
|------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|----|-----|--|--|
| | 078 | 078 | 078 | 078 | 078 | 076 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | | 076 | | | | | | | |
| 10000 ppm | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 20 | 1.4 | | |
| Follicle, Degeneration | | | | | | 2 | 2 | 1 | 1 | | | | | | 1 | 1 | 1 | 2 | 1 | 2 | | | | | 1 | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|----|-----|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | |
| Bilateral, Duct, Dilation | 2 | | | 2 | 2 | 3 | 2 | 3 | 3 | | | | 3 | | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | | 3 | 3 | 3 | 37 | 2.6 |
| Duct, Dilation | | 2 | 2 | | | | | | | 2 | 3 | | 2 | | | | | | | | | 3 | | | | | 12 | 2.4 |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Angiectasis | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Atrophy | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | | | | | 47 | 3.1 |
| Cyst | X | | | X | | | | | | X | | | | | | | | | | | | | | | | | 7 | |
| Cyst, Epithelial | | | | | | | | | | | | | X | | | | | | X | | | | | | | | 2 | |
| Hyperplasia, Tubular | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Corpus Luteum, Hyperplasia | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Paraovarian Tissue, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 2 | 1.5 |
| Thrombus | | X | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Endometrium, Hyperplasia, Cystic | 3 | | 1 | 2 | 1 | | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 2 | 2 | 4 | 3 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | | 48 | 2.8 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|---|---|---|----|-----|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | |
| Hypercellularity | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 12 | 2.5 |

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

+ .. Tissue examined microscopically

X .. Lesion present

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10000 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|--------|
| | 078 | 078 | 078 | 078 | 078 | 0763 | 0776 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | 0777 | 0776 | 0768 |
| 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 | |
| Pigment | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 1.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Mediastinal, Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mediastinal, Pigment | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Extramedullary Hematopoiesis | | | | | | | | | | | | | | | | | | | | | | | | 24 1.4 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 8 1.4 |
| Pigment | | | | | | | | | | | | | | | | | | | | | | | | 38 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 47 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

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|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|--------|--|
| | 078 | 078 | 078 | 078 | 078 | 076 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | 077 | | 076 | 076 | | | | |
| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 7 1.4 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Fibro-Osseous Lesion | | | 2 | | 2 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | | 31 1.1 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 3.0 | |
| Meninges, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 | |
| Neuron, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Venule, Infiltration Cellular, Lymphocyte | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | | | 2 | 1 | | | | | 1 | 2 | | | | | 1 | 1 | 1 | | | | 36 1.1 | |
| Alveolar Epithelium, Hyperplasia | 1 | | | | | | | 3 | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 1.0 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Glands, Olfactory Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Olfactory Epithelium, Metaplasia, Respiratory, Focal | | | | 1 | | | | | 1 | 1 | | | | | | | 1 | | 1 | | 1 | | 1 | | | 12 1.0 | |

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| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | 1 | | | | | | | | | | 1 | | | | | | | 2 1.0 |
| Respiratory Epithelium, Hyperplasia, Focal | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 43 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lens, Cataract | | | | | | | | | | 1 | | | | | | | | | | | | 1 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Focal | | | 3 | | | | | | | | 1 | | | | | | | | | | | 3 1.7 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cyst | | | | | | | | | | | | | | | | | | | X | | | 3 |
| Infiltration Cellular, Lymphocyte | 1 | 2 | 1 | 1 | 1 | | 1 | 4 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 43 1.1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | 5 |
| Nephropathy, Chronic Progressive | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | 1 | 1 | 46 1.0 |
| Pigment | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Renal Tubule, Dilatation, Diffuse | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Renal Tubule, Pigment | | | | | | | | | | | | | | | | | | | | 1 | | 3 1.7 |
| Renal Tubule, Regeneration | | | | | | | | | | | | | | | | 1 | | 1 | | 1 | | 3 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

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