

Experiment Number: 10260 - 01

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 09/22/2017

Test Type: Chronic PN

2-Hydroxy-4-methoxybenzophenone

Time Report Requested: 09:11:25

Route: DOSED FEED

CAS Number: 131-57-7

First Dose M/F: 11/08/10 / 11/09/10

Species/Strain: RATS/HSD

Lab: BAT

Final 2 Revision 1 - Core Only

NTP Study Number: C10260

Lock Date: 07/22/2014

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC

25020 NATD

25019 MSAC

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 3.0.2.3_002

PWG Approval Date: 12/22/2016

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Species/Strain: RATS/HSD

Lab: BAT

Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
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Disposition Summary

Animals Initially In Study	60	50	50	60
Early Deaths				
Moribund Sacrifice	12	15	18	10
Natural Death	8	6	8	7
Survivors				
Natural Death	1			
Terminal Sacrifice	29	29	24	33
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(50)	(50)
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Intestine Large, Colon	(50)	(50)	(50)	(50)
Parasite Metazoan	2	6	1	2
Intestine Large, Rectum	(50)	(50)	(50)	(50)
Parasite Metazoan	7	5	5	6
Arteriole, Necrosis, Fibrinoid				1 [1.0]
Intestine Small, Duodenum	(50)	(50)	(50)	(50)
Artery, Inflammation, Chronic Active	1 [2.0]			
Intestine Small, Ileum	(50)	(50)	(50)	(50)
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Liver	(50)	(50)	(50)	(50)
Basophilic Focus	1	3	1	2
Cholangiofibrosis				1 [3.0]
Clear Cell Focus	29	28	27	29
Eosinophilic Focus	6	8	9	8
Extramedullary Hematopoiesis	3 [1.0]		1 [1.0]	2 [2.0]
Fatty Change, Focal	1 [2.0]			
Hepatodiaphragmatic Nodule	1	3		
Necrosis	1 [2.0]			
Thrombus			1 [4.0]	
Bile Duct, Cyst				1
Bile Duct, Dilation	1 [2.0]			

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bile Duct, Hyperplasia	20 [1.1]	7 [1.1]	12 [1.0]	11 [1.0]
Hepatocyte, Hypertrophy	2 [2.5]			
Hepatocyte, Necrosis	1 [2.0]	2 [2.0]	2 [1.5]	1 [1.0]
Hepatocyte, Vacuolization Cytoplasmic	4 [1.8]	6 [1.3]	6 [2.0]	7 [1.6]
Portal, Fibrosis	1 [2.0]			
Serosa, Fibrosis	1 [2.0]			
Mesentery	(1)	(3)	(1)	(1)
Artery, Inflammation, Chronic Active	1 [2.0]			
Fat, Necrosis		2 [2.5]		
Oral Mucosa	(0)	(0)	(0)	(1)
Cyst				1
Pancreas	(50)	(50)	(50)	(50)
Acinus, Atrophy	6 [1.5]	2 [1.5]		1 [1.0]
Acinus, Atrophy, Focal		1 [1.0]		
Acinus, Cyst		1		
Acinus, Hyperplasia	14 [2.4]	7 [2.7]	14 [2.1]	6 [2.2]
Arteriole, Inflammation, Chronic Active	4 [1.5]	15 [1.2]	10 [1.4]	11 [1.3]
Arteriole, Necrosis, Fibrinoid	1 [2.0]	3 [1.7]	2 [1.5]	
Artery, Inflammation, Chronic Active	15 [1.7]	16 [1.1]	20 [1.3]	18 [1.2]
Artery, Necrosis	3 [2.3]			
Periductal, Cholangiofibrosis				1
Salivary Glands	(50)	(50)	(50)	(50)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Cyst		1		
Fibrosis			2 [1.0]	
Hemorrhage			1 [1.0]	
Inflammation, Chronic Active	2 [1.5]	1 [2.0]	3 [1.7]	2 [2.0]
Mineral				1 [1.0]
Arteriole, Necrosis, Fibrinoid				1 [2.0]
Epithelium, Hyperplasia	2 [2.0]		4 [2.0]	2 [2.5]
Stomach, Glandular	(50)	(50)	(50)	(50)
Mineral	2 [2.0]	2 [2.5]	2 [2.0]	2 [2.0]
Tongue	(0)	(0)	(0)	(1)
Epithelium, Hyperplasia				1 [3.0]

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
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CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(50)	(50)
Aorta, Hemorrhage		1 [3.0]		
Aorta, Mineral		2 [2.5]	1 [1.0]	3 [2.7]
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	37 [1.4]	44 [1.2]	42 [1.2]	41 [1.2]
Fibrosis		1 [1.0]		
Infiltration Cellular, Mononuclear Cell	1 [1.0]			
Inflammation, Chronic Active			1 [1.0]	
Arteriole, Necrosis, Fibrinoid		1 [1.0]		
Artery, Inflammation, Chronic Active	1 [1.0]			
Atrium, Thrombus		1 [4.0]	2 [2.5]	
Endocardium, Proliferation				1 [2.0]
Schwann Cell, Hyperplasia	2 [2.0]			
Ventricle, Hypertrophy	1 [3.0]			

ENDOCRINE SYSTEM

Adrenal Cortex	(50)	(50)	(50)	(50)
Angiectasis		1 [1.0]		
Hyperplasia, Focal	18 [1.6]	18 [1.7]	19 [1.6]	20 [1.5]
Hyperplasia, Diffuse				1 [3.0]
Hypertrophy, Focal	20 [1.8]	23 [1.3]	23 [1.3]	27 [1.3]
Metaplasia, Osseous		1 [2.0]		
Necrosis	1 [1.0]	1 [3.0]	1 [2.0]	
Thrombus			1 [2.0]	1 [1.0]
Vacuolization Cytoplasmic	5 [1.2]	2 [1.0]	3 [2.3]	5 [2.8]
Bilateral, Atrophy	1 [3.0]			
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	27 [1.7]	13 [1.5]	15 [1.5]	12 [1.5]
Bilateral, Hyperplasia			1 [2.0]	
Islets, Pancreatic	(50)	(50)	(50)	(50)
Fibrosis				1 [3.0]
Parathyroid Gland	(49)	(47)	(45)	(48)

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Hyperplasia	27 [2.9]	18 [3.8]	15 [3.3]	23 [3.6]
Pituitary Gland	(50)	(50)	(50)	(50)
Pars Distalis, Hyperplasia	16 [1.7]	17 [2.1]	10 [1.8]	16 [1.6]
Pars Intermedia, Hyperplasia		3 [1.7]	1 [1.0]	
Thyroid Gland	(50)	(50)	(50)	(50)
C-cell, Hyperplasia	7 [2.6]	9 [2.8]	7 [2.9]	4 [2.5]

GENERAL BODY SYSTEM

Peritoneum	(1)	(0)	(1)	(1)
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GENITAL SYSTEM

Epididymis	(50)	(50)	(50)	(50)
Hypospermia	7 [4.0]	11 [4.0]	9 [4.0]	8 [4.0]
Artery, Inflammation, Chronic Active	1 [1.0]			
Penis	(2)	(0)	(0)	(1)
Edema	1 [2.0]			
Inflammation, Chronic Active	1 [2.0]			
Preputial Gland	(49)	(50)	(49)	(50)
Prostate	(50)	(50)	(50)	(49)
Inflammation, Suppurative	4 [1.8]	2 [3.5]	5 [2.0]	4 [2.0]
Epithelium, Hyperplasia				2 [1.0]
Seminal Vesicle	(50)	(50)	(50)	(50)
Atrophy				1 [3.0]
Inflammation, Suppurative	1 [1.0]	2 [3.5]	2 [3.0]	2 [2.5]
Testes	(50)	(50)	(50)	(50)
Edema	1 [3.0]	1 [3.0]		
Necrosis			1 [4.0]	
Arteriole, Necrosis, Fibrinoid	16 [2.3]	19 [2.6]	16 [2.6]	25 [2.4]
Germinal Epithelium, Atrophy	13 [2.9]	18 [2.4]	12 [3.0]	20 [2.2]
Interstitial Cell, Hyperplasia	1 [1.0]			5 [2.0]

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HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Hypercellularity	9 [2.9]	12 [2.9]	17 [2.4]	10 [2.8]
Lymph Node	(4)	(0)	(1)	(5)
Lumbar, Ectasia	2 [3.5]			2 [3.5]
Mediastinal, Congestion				1 [1.0]
Mediastinal, Ectasia	1 [3.0]			
Renal, Congestion				1 [2.0]
Renal, Ectasia				2 [3.5]
Lymph Node, Mandibular	(50)	(50)	(50)	(50)
Congestion	1 [3.0]			
Inflammation, Suppurative				1 [2.0]
Lymph Node, Mediastinal	(1)	(0)	(1)	(0)
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)
Congestion	1 [3.0]			
Spleen	(50)	(50)	(50)	(50)
Congestion		1 [1.0]		
Extramedullary Hematopoiesis	21 [1.8]	14 [2.4]	14 [2.2]	17 [2.2]
Pigment	21 [1.6]	24 [1.5]	28 [1.4]	27 [1.5]
White Pulp, Atrophy	5 [3.0]	5 [2.6]	3 [3.7]	9 [3.1]
Thymus	(46)	(48)	(48)	(49)
Atrophy	17 [3.4]	19 [2.8]	21 [3.1]	16 [3.1]
Arteriole, Necrosis, Fibrinoid			1 [2.0]	

INTEGUMENTARY SYSTEM

Mammary Gland	(49)	(50)	(50)	(50)
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion	1	1	4	3
Hyperkeratosis	1 [3.0]			
Inflammation, Suppurative			3 [2.7]	
Inflammation, Chronic		1 [3.0]		1 [3.0]
Inflammation, Chronic Active	3 [3.0]	3 [3.3]		
Metaplasia, Osseous				1 [2.0]

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Ulcer Epidermis, Hyperplasia	1 [2.0]	1 [2.0]		1 [2.0]
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Skeletal Muscle Degeneration	(2) 1 [3.0]	(0)	(1)	(2)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Hemorrhage	1 [1.0]			
Necrosis	1 [2.0]			
Cerebrum, Edema		1 [4.0]		
Cerebrum, Hemorrhage		1 [1.0]		
Cerebrum, Neuron, Necrosis		1 [4.0]		
Nerve Trigeminal	(0)	(0)	(1)	(0)
Peripheral Nerve	(2)	(1)	(1)	(0)
Axon, Degeneration	1 [1.0]			
Sciatic, Degeneration	1 [1.0]			
Trigeminal, Degeneration	1 [1.0]			
Spinal Cord	(2)	(1)	(1)	(0)
Axon, Degeneration	2 [1.5]		1 [2.0]	
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Hemorrhage	1 [1.0]	2 [3.0]	3 [2.7]	1 [2.0]
Inflammation, Suppurative		1 [2.0]		
Inflammation, Granulomatous	1 [1.0]	1 [1.0]		
Inflammation, Histiocytic				1 [1.0]
Necrosis		1 [1.0]		
Proteinosis				1 [3.0]

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Alveolar Epithelium, Hyperplasia			1 [2.0]	
Alveolus, Hemorrhage	1 [2.0]			
Alveolus, Infiltration Cellular, Histiocyte	20 [1.5]	15 [1.5]	18 [1.6]	17 [1.5]
Alveolus, Infiltration Cellular, Mixed Cell	2 [3.5]			
Interstitium, Edema			1 [2.0]	
Interstitium, Fibrosis	1 [1.0]		3 [1.7]	1 [2.0]
Interstitium, Inflammation, Chronic				1 [2.0]
Nose	(50)	(50)	(50)	(50)
Olfactory Epithelium, Accumulation, Hyaline Droplet	42 [1.6]	47 [1.5]	47 [1.6]	44 [1.4]
Trachea	(50)	(50)	(50)	(50)

SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(50)	(50)
Anterior Chamber, Inflammation, Suppurative		1 [2.0]		
Bilateral, Cornea, Inflammation, Chronic Active	1 [2.0]		1 [2.0]	
Cornea, Inflammation, Chronic Active	2 [2.0]			
Lens, Degeneration		1 [2.0]		
Harderian Gland	(50)	(50)	(50)	(50)
Lacrimal Gland	(0)	(0)	(1)	(0)
Metaplasia, Harderian Gland			1 [3.0]	
Zymbal's Gland	(0)	(1)	(0)	(0)

URINARY SYSTEM

Kidney	(50)	(50)	(50)	(50)
Cyst	1	2	1	3
Hyperplasia		1 [1.0]		
Nephropathy, Chronic Progressive	50 [2.9]	50 [2.7]	50 [2.7]	50 [3.0]
Capsule, Hemorrhage		1 [4.0]		
Epithelium, Accumulation, Hyaline Droplet			1 [4.0]	
Pelvis, Dilation				2 [2.0]
Pelvis, Inflammation, Suppurative	1 [1.0]	1 [2.0]	2 [1.0]	3 [2.7]
Urinary Bladder	(50)	(50)	(50)	(50)

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Inflammation, Suppurative	1 [3.0]	1 [1.0]		3 [1.7]

*** END OF MALE ***

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Disposition Summary

Animals Initially In Study	60	50	50	60
Early Deaths				
Moribund Sacrifice	15	13	10	16
Natural Death	5	4	6	8
Survivors				
Terminal Sacrifice	30	33	34	26
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(50)	(50)
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Intestine Large, Colon	(50)	(50)	(50)	(50)
Parasite Metazoan	2	2	4	
Artery, Inflammation, Chronic Active			1 [3.0]	1 [3.0]
Intestine Large, Rectum	(50)	(50)	(50)	(50)
Parasite Metazoan	2	3	7	10
Arteriole, Necrosis, Fibrinoid				1 [3.0]
Artery, Inflammation, Chronic Active			1 [3.0]	
Intestine Small, Duodenum	(50)	(50)	(50)	(50)
Intestine Small, Ileum	(49)	(50)	(50)	(50)
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Artery, Inflammation, Chronic Active			1 [3.0]	
Liver	(50)	(50)	(50)	(50)
Angiectasis	1 [1.0]	3 [1.3]		2 [1.5]
Basophilic Focus	6	11	12	4
Clear Cell Focus	12	9	14	7
Congestion		1 [3.0]		
Cyst			1	
Eosinophilic Focus	15	6	16	12
Extramedullary Hematopoiesis	8 [1.0]	7 [1.0]	3 [1.3]	7 [1.1]
Mixed Cell Focus	1			
Pigment			1 [2.0]	
Bile Duct, Cyst	2	2	8	2

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Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bile Duct, Hyperplasia			2 [1.5]	1 [4.0]
Hepatocyte, Hypertrophy	5 [2.6]	2 [2.5]	2 [1.5]	3 [2.7]
Hepatocyte, Necrosis	2 [1.0]	3 [1.7]	2 [2.0]	4 [1.3]
Hepatocyte, Vacuolization Cytoplasmic		1 [1.0]	1 [3.0]	3 [1.3]
Mesentery	(1)	(0)	(0)	(1)
Fat, Necrosis	1 [4.0]			
Pancreas	(50)	(50)	(50)	(50)
Acinus, Atrophy	2 [1.0]			
Acinus, Hyperplasia				1 [3.0]
Arteriole, Inflammation, Chronic Active	1 [1.0]	3 [1.0]	3 [1.7]	
Artery, Inflammation, Chronic Active	1 [1.0]	3 [1.0]	3 [2.3]	2 [2.0]
Salivary Glands	(49)	(50)	(50)	(50)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Cyst, Squamous				1
Ulcer			1 [1.0]	
Epithelium, Hyperplasia			1 [2.0]	2 [1.5]
Stomach, Glandular	(50)	(50)	(50)	(50)

CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(50)	(50)
Heart	(49)	(50)	(50)	(50)
Cardiomyopathy		1 [1.0]	3 [1.0]	1 [1.0]
Epicardium, Inflammation, Suppurative				1 [1.0]

ENDOCRINE SYSTEM

Adrenal Cortex	(50)	(50)	(50)	(50)
Angiectasis		2 [3.0]	1 [4.0]	
Hyperplasia, Focal	9 [1.2]	8 [1.6]	12 [1.5]	13 [1.8]
Hypertrophy, Focal	24 [2.0]	42 [1.8]	39 [1.6]	27 [1.7]
Necrosis		1 [1.0]	2 [1.0]	
Thrombus				1 [1.0]
Vacuolization Cytoplasmic		3 [1.0]	3 [1.3]	1 [1.0]
Bilateral, Hyperplasia, Focal		1 [2.0]		

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Bilateral, Hypertrophy, Focal	1 [3.0]			
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	12 [1.4]	4 [1.0]	11 [1.7]	5 [1.0]
Islets, Pancreatic	(50)	(50)	(50)	(50)
Parathyroid Gland	(41)	(47)	(43)	(42)
Hyperplasia		1 [2.0]	5 [1.2]	3 [1.7]
Pituitary Gland	(50)	(50)	(50)	(50)
Pars Distalis, Hyperplasia	13 [2.2]	13 [1.8]	9 [2.1]	15 [2.1]
Pars Intermedia, Hyperplasia	1 [1.0]		2 [1.5]	1 [4.0]
Pars Nervosa, Cyst	1			
Thyroid Gland	(50)	(50)	(50)	(50)
C-cell, Hyperplasia	11 [2.0]	11 [2.4]	9 [1.9]	9 [2.4]

GENERAL BODY SYSTEM

Peritoneum	(0)	(0)	(0)	(1)
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GENITAL SYSTEM

Clitoral Gland	(48)	(50)	(50)	(48)
Fibrosis	1 [4.0]			
Ovary	(50)	(50)	(50)	(50)
Cyst	5	2	7	9
Inflammation, Suppurative		1 [2.0]		
Bursa, Cyst		4		2
Periovarian Tissue, Inflammation, Suppurative				1 [4.0]
Uterus	(50)	(50)	(50)	(50)
Adenomyosis	3 [2.7]	8 [2.3]	3 [2.0]	7 [2.3]
Dilation	2 [1.5]	2 [1.5]	1 [2.0]	3 [3.0]
Hemorrhage		2 [2.5]		
Inflammation, Suppurative	2 [3.5]	1 [4.0]		1 [2.0]
Perforation				1
Cervix, Stromal Hyperplasia		1 [3.0]		1 [4.0]
Endometrium, Atypical Hyperplasia	9 [2.0]	14 [1.5]	19 [1.4]	14 [2.1]
Endometrium, Hyperplasia, Cystic	35 [1.9]	30 [1.7]	28 [1.9]	25 [1.8]

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: Chronic PN

2-Hydroxy-4-methoxybenzophenone

Time Report Requested: 09:11:25

Route: DOSED FEED

CAS Number: 131-57-7

First Dose M/F: 11/08/10 / 11/09/10

Species/Strain: RATS/HSD

Lab: BAT

Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Endometrium, Metaplasia, Squamous	36 [2.2]	35 [2.0]	25 [2.0]	32 [2.2]
Vagina	(50)	(50)	(50)	(50)
Mucification	9 [1.9]	2 [2.0]	7 [1.9]	6 [1.8]
Parasite Metazoan		1		

HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(50)	(50)
Hypercellularity	34 [3.7]	26 [3.5]	25 [3.5]	32 [3.3]
Lymph Node	(0)	(1)	(2)	(1)
Mediastinal, Congestion			2 [2.5]	
Lymph Node, Mandibular	(49)	(50)	(49)	(50)
Lymph Node, Mesenteric	(49)	(50)	(50)	(50)
Hemorrhage		1 [4.0]		
Spleen	(50)	(50)	(50)	(50)
Extramedullary Hematopoiesis	33 [2.6]	26 [2.5]	30 [2.3]	24 [2.7]
Hemorrhage		1 [4.0]		
Necrosis				1 [2.0]
Pigment	31 [1.3]	33 [1.3]	37 [1.3]	34 [1.7]
White Pulp, Atrophy	2 [3.0]	2 [3.0]		4 [3.0]
Thymus	(49)	(50)	(47)	(49)
Atrophy	17 [2.6]	16 [2.9]	12 [2.8]	22 [2.6]
Inflammation, Suppurative				1 [1.0]

INTEGUMENTARY SYSTEM

Mammary Gland	(50)	(50)	(50)	(49)
Galactocele	3 [2.7]	5 [2.4]	3 [3.7]	1 [4.0]
Hyperplasia	1 [1.0]	2 [2.0]	3 [1.0]	1 [1.0]
Skin	(50)	(50)	(50)	(50)
Erosion			1 [1.0]	

MUSCULOSKELETAL SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: Chronic PN

2-Hydroxy-4-methoxybenzophenone

Time Report Requested: 09:11:25

Route: DOSED FEED

CAS Number: 131-57-7

First Dose M/F: 11/08/10 / 11/09/10

Species/Strain: RATS/HSD

Lab: BAT

Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
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Bone	(50)	(50)	(50)	(50)
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NERVOUS SYSTEM

Brain	(50)	(50)	(50)	(50)
Gliosis			1 [1.0]	
Hemorrhage				1 [3.0]
Hydrocephalus	1 [2.0]			
Inflammation, Histiocytic			1 [1.0]	
Necrosis			1 [3.0]	
Cerebrum, Gliosis				1 [1.0]
Cerebrum, Necrosis				1 [4.0]
Meninges, Hyperplasia, Granular Cell	1 [1.0]			

RESPIRATORY SYSTEM

Lung	(49)	(50)	(50)	(50)
Hemorrhage		1 [3.0]		3 [4.0]
Hyperplasia, Squamous		1 [4.0]		
Pigment		1 [2.0]		
Alveolus, Cytoplasmic Alteration		1 [2.0]		
Alveolus, Hyperplasia, Cystic		1 [1.0]		
Alveolus, Infiltration Cellular, Histiocyte	38 [1.9]	38 [1.9]	45 [1.6]	40 [1.9]
Interstitialium, Fibrosis		1 [2.0]		
Nose	(50)	(50)	(50)	(50)
Olfactory Epithelium, Accumulation, Hyaline Droplet	49 [1.9]	48 [2.0]	50 [1.7]	47 [1.7]
Trachea	(50)	(50)	(50)	(50)

SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(50)	(50)
Lens, Degeneration				1 [3.0]
Retina, Degeneration				1 [3.0]

a - Number of animals examined microscopically at site and number of animals with lesion

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Experiment Number: 10260 - 01

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 09/22/2017

Test Type: Chronic PN

2-Hydroxy-4-methoxybenzophenone

Time Report Requested: 09:11:25

Route: DOSED FEED

CAS Number: 131-57-7

First Dose M/F: 11/08/10 / 11/09/10

Species/Strain: RATS/HSD

Lab: BAT

Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Harderian Gland	(50)	(50)	(50)	(50)
Zymbal's Gland	(0)	(0)	(0)	(1)

URINARY SYSTEM

Kidney	(50)	(50)	(50)	(50)
Atrophy	1 [4.0]			
Infarct		1 [2.0]		
Mineral			2 [2.0]	
Nephropathy, Chronic Progressive	44 [1.1]	46 [1.3]	46 [1.3]	45 [1.3]
Papilla, Degeneration				1 [2.0]
Pelvis, Dilation	1 [4.0]			
Pelvis, Inflammation, Suppurative		1 [2.0]		1 [1.0]
Urinary Bladder	(49)	(50)	(50)	(50)
Inflammation, Suppurative		1 [1.0]		

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)