C Number:	MG96006
Lock Date:	12/02/2008
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 99920-94
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 13:27:57
First Dose M/F: NA / NA
Lab: NCTR

CD Rat Male
F1 0PPB

DAY ON TEST	0383	0413	0443	0478	0526	0556	0592	0619	0631	0647	0688	0702	0704	0730	0741	0744	0756	0756	0756	0755	0757	0757	0757	0757	0757	0757	0758	0758	0758	0758	0758
ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation			4																												
Inflammation, Suppurative			2																												
Intestine Large, Cecum	A	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																					3										
Intestine Large, Rectum	A	A	+	A	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																					3										
Basophilic Focus																															
Bile Duct, Hyperplasia															2																
Biliar Tract, Fibrosis															2							1					1				
Clear Cell Focus																			X												
Degeneration, Cystic													1											1							
Eosinophilic Focus																								X							
Hematopoietic Cell Proliferation													2																		
Hepatodiaphragmatic Nodule									X						X													X		X	
Inflammation, Chronic Active								2	1									1				1	1		1			1	1	1	

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BLANK ..Not examined microscopically

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2) Mild 4) Marked

Experiment Number: 99920-94
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 13:27:58
First Dose M/F: NA / NA
Lab: NCTR

CD Rat Male
F1 0PPB

DAY ON TEST	0383	0413	0443	0478	0526	0556	0592	0619	0631	0647	0688	0702	0704	0730	0741	0744	0756	0756	0756	0755	0757	0757	0757	0757	0757	0757	0758	0758	0758	0758	0758
ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Left Lat Lobe, Developmental Malformation																															
Vacuolization Cytoplasmic													1	1		1	2	1			3	1				2				1	1
Mesentery							+																								
Oral Mucosa											+	+																			
Pancreas	A	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration				1				1	2	2		2	1	2		3	3	2	3		2	2	2	3	2	2	2	2	3	4	3
Salivary Glands	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	A	+	A	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																					4										
Epithelium, Hyperplasia																					3										
Keratin Cyst					X																										
Stomach, Glandular	A	A	+	A	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		3	2	2	1	2		1	2		2	2		3	2	1		2	1	3	1	1	2	1		1	1	2	1	3	1
Metaplasia, Osseous																				2											
Endocrine System																															
Adrenal Cortex	+	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule				X																X											
Angiectasis																															
Degeneration, Cystic																				1											

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CD Rat Male
F1 0PPB

DAY ON TEST	0383	0413	0443	0478	0526	0556	0592	0619	0631	0647	0688	0702	0704	0730	0741	0744	0756	0756	0756	0755	0757	0757	0757	0757	0757	0757	0758	0758	0758	0758	0758
ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Hyperplasia						1							2								2	2						1			
Hypertrophy																															
Vacuolization Cytoplasmic																						1	1		1		1	2	1		
Adrenal Medulla	+	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Bilateral, Hyperplasia																															
Hyperplasia									1				1	1																	
Islets, Pancreatic	A	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				1					1	2													1	1		3				1	2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																3		2							3		2	2			
Pituitary Gland	+	A	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst								X															X			X					
Pars Distalis, Hyperplasia														1				3					1								2
Thyroid Gland	A	+	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																										1					
Cyst, Squamous						X	X					X																			
General Body System																															
Tissue NOS																															
Degeneration, Cystic																															
Infiltration Cellular, Plasma Cell																															
Genital System																															
Coagulating Gland	A	A	+	+	A	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1 0PPB

DAY ON TEST	0383	0413	0443	0478	0526	0556	0592	0619	0631	0647	0688	0702	0704	0730	0741	0744	0756	0756	0756	0755	0757	0757	0757	0757	0757	0757	0758	0758	0758	0758	0758
ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Developmental Malformation			X			X										X				X						X		X		X	X
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																					3							3			
Hypospermia																					4							4			
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Duct, Dilatation		3		2				1		3		3		3					2		3					3					
Infiltration Cellular, Lymphocyte				2				2																						2	2
Inflammation, Chronic Active																						1									
Inflammation, Suppurative			1		2	3			1	4		4		4		2			4		4		2	3		2			2	
Prostate, Dorsal/Lateral Lobe	+	A		+	A			+		+	+			+		+		+	+				+				+		+		+
Cyst																															
Inflammation, Chronic Active																								1							
Inflammation, Suppurative	1		1			1	2		1			1	1		2		1			2	2	1			2	2		1		2	
Prostate, Ventral Lobe	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																1			3											1	
Infiltration Cellular, Lymphocyte																					1										
Inflammation, Chronic Active																								1							
Inflammation, Suppurative													1													2					
Rete Testes	+	A	+	+	A	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																															
Fibrosis																					1										
Seminal Vesicle	A	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1 0PPB

DAY ON TEST	0383	0413	0443	0478	0526	0556	0592	0619	0631	0647	0688	0702	0704	0730	0741	0744	0756	0756	0756	0755	0757	0757	0757	0757	0757	0757	0758	0758	0758	0758	0758
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Atrophy																2						2				1		2			
Lumen, Dilatation																		4													
Testes	+	A	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminif Tub, Degeneration							4		2			1	1	4				1	1		4		1	1	1		1		1		
Hematopoietic System																															
Bone Marrow	A	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																3															
Myeloid Cell, Hyperplasia								2				1	2															2			
Lymph Node							+									+		+					+		+		+		+		
Axillary, Hyperplasia, Lymphoid																															
Degeneration, Cystic																4															
Inguinal, Degeneration, Cystic																		3													
Inguinal, Hyperplasia, Lymphoid																															
Inguinal, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																							4		4		4		2		
Lumbar, Hyperplasia, Lymphoid																															
Lumbar, Infiltration Cellular, Plasma Cell																											4		2		
Mediastinal, Infiltration Cellular, Plasma Cell																															
Renal, Degeneration, Cystic																															
Lymph Node, Mandibular	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																		2		4								1	1	3	1
Hyperplasia, Lymphoid						2						2						2	2		3	2		2		2	2		2	3	2

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Infiltration Cellular, Plasma Cell		3	2	2		3		2	3		2	2	2	2	2	3	2	2	3	3	4	2		2		2	2	2	2	3	
Lymph Node, Mesenteric	A	A	+	A	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Hyperplasia, Lymphoid									2																	2					
Inflammation, Granulomatous								2		1						2			2				1			2				1	
Spleen	A	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid			2																												
Hematopoietic Cell Proliferation								3	4	1		3	4	2				1	1				2		2	2	1	2	1	1	
Hyperplasia, Lymphoid																					2								2		
Infiltration Cellular, Polymorphnuclr			3																												
Pigmentation			4									3			2	4				2	4	2			2	1				1	3
Thymus	A	A	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			4			4		2	4	4		4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	3	3	4	4	4
Cyst																															
Epithel Cell, Hyperplasia																								2							
Integumentary System																															
Mammary Gland	+	A	+	M	A	+	+	+	+	+	M	M	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration						3		2	1				2	3			2	1			2	2	3		2	1	1	3	1		2
Alveolus, Hyperplasia																															
Ectasia																					2										
Lactation															2							1								2	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1 0PPB

DAY ON TEST	083	041	043	047	052	056	059	061	063	064	068	070	070	073	074	074	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Cyst Epithelial Inclusion						X																									
Epidermis, Hyperplasia															2																
Epidermis, Inflammation, Suppurative																						2									
Fibrosis																															
Hyperkeratosis																						2									
Inflammation, Chronic Active						4		4		4						4		4			4	4	4				4	4	4	4	
Musculoskeletal System																															
Bone									+							+															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																							+								
Nervous System																															
Brain, Brain Stem	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression									2			3				2					2									2	
Brain, Cerebellum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus												1																			
Respiratory System																															
Lung	+	A	+	+	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia														3								1				1	1	1			
Infiltration Cellular, Histiocyte													2	2				1		1		2				2	1	2			
Mediastinum, Hemorrhage			4																												

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ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Mediastinum, Inflammation, Suppurative			4																												
Mediastinum, Necrosis			4																												
Metaplasia, Osseous																	1														
Nose	+	+	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active								2						2					2												
Inflammation, Suppurative			2													1		1													
Mucosa, Hyperkeratosis																															3
Trachea	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	A	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Cataract				X								X																			
Cataract																			X												
Hemorrhage										4																					
Inflammation, Suppurative										4																					
Harderian Gland	+	+	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																					1										
Zymbal's Gland								+																							
Urinary System																															
Kidney	A	A	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst				X				X	X			X	X	X				X					X	X	X	X					
Medulla, Cyst																										X					
Nephropathy				1		1		2	2	3		3	2	2			2	1	1	1	3	1	2	2	2	2	1	1	2	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

CD Rat Male
F1 0PPB

DAY ON TEST	0383	0413	0443	0478	0526	0556	0592	0619	0631	0647	0688	0702	0704	0730	0741	0744	0756	0756	0756	0755	0757	0757	0757	0757	0757	0757	0758	0758	0758	0758	0758
ANIMAL ID	0031	0041	0044	0054	0076	0094	0132	0159	0173	0200	0274	0290	0303	0356	0381	0387	0424	0425	0426	0454	0480	0481	0528	0529	0530	0531	0573	0574	0575	0576	0577
Transit Epithe, Hyperplasia																								4							
Urethra												+																			
Urinary Bladder	A	A	+	A	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation												4																			

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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

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	761	762	762	762	762	762	763	763	763	763	763	763	762	762		
ANIMAL ID	0058	0069	0063	0063	0067	0067	0067	0072	0072	0072	0072	0072	0072	0073	0074	0075	0076	0077	0078	0079	*TOTALS	
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Dilatation																					1	4.0
Inflammation, Suppurative																					1	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Hyperplasia, Lymphoid																					1	3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis																	2	2			3	2.3
Basophilic Focus						X															1	
Bile Duct, Hyperplasia																		1			2	1.5
Biliar Tract, Fibrosis			1																		4	1.3
Clear Cell Focus																					1	
Degeneration, Cystic																			1	1	4	1.0
Eosinophilic Focus			X										X								3	
Hematopoietic Cell Proliferation						1															2	1.5
Hepatodiaphragmatic Nodule									X	X											6	
Inflammation, Chronic Active		1	1	1																1	13	1.1

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A ..Autolysis precludes evaluation
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1 0PPB

DAY ON TEST	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0069	0070	0071	0075	0076	0077	0085	0086	0087	0088	0089	0092	0093	0094	0095	0096	0097	0098	0099	*TOTALS	
Left Lat Lobe, Developmental Malformation										X											1	
Vacuolization Cytoplasmic	2													1							12	1.4
Mesentery																					1	
Oral Mucosa			+																		3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Acinar Cell, Degeneration	3	4	2	3	2	1	3	1	1		2	1	3		4	4	3	2	2	2	40	2.3
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Edema																					1	4.0
Epithelium, Hyperplasia										2											2	2.5
Keratin Cyst																					1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Cardiomyopathy	2	3	1	1	1	2	1	1	2	1	1	3	2	1				1	1	2	42	1.6
Metaplasia, Osseous																					1	2.0
Endocrine System																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Accessory Adrenal Cortical Nodule							X														3	
Angiectasis									1												1	1.0
Degeneration, Cystic	2											1								2	4	1.5

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

CD Rat Male
F1 0PPB

DAY ON TEST	0758	0761	0761	0761	0761	0761	0761	0762	0762	0762	0762	0762	0763	0763	0763	0763	0763	0763	0762	0762		
ANIMAL ID	00578	00629	00630	00631	00675	00676	00677	00725	00726	00727	00728	00729	00772	00773	00774	00775	00776	00777	00778	00779	*TOTALS	
Hyperplasia		1			1	1															8	1.4
Hypertrophy			2										2				1				3	1.7
Vacuolization Cytoplasmic				1		2							1				1	1			11	1.2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Bilateral, Hyperplasia									1												1	1.0
Hyperplasia				1								1							1	3	7	1.3
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hyperplasia		1	1													1		1			12	1.3
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	49	
Hyperplasia				2						2											7	2.3
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Pars Distalis, Cyst																					3	
Pars Distalis, Hyperplasia	1				1		1			1	1			2			2				11	1.5
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
C Cell, Hyperplasia	1	2		1	1														1		6	1.2
Cyst, Squamous											X								X		5	
General Body System																						
Tissue NOS																			+		1	
Degeneration, Cystic																			4		1	4.0
Infiltration Cellular, Plasma Cell																			4		1	4.0
Genital System																						
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	

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

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	762	762	762	762	762	763	763	763	763	763	762	762		
ANIMAL ID	0057 8	0062 9	0063 0	0063 1	0067 5	0067 6	0067 7	0072 5	0072 6	0072 7	0072 8	0072 9	0077 2	0077 3	0077 4	0077 5	0077 6	0077 7	0077 8	0077 9	*TOTALS	
Developmental Malformation			X																		9	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Atrophy		2																			3	2.7
Hypospermia		4																			3	4.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Abscess		4																			1	4.0
Duct, Dilatation		4						3	1						2		2				14	2.5
Infiltration Cellular, Lymphocyte				2	2	2	1					2						1			10	1.8
Inflammation, Chronic Active																	2				2	1.5
Inflammation, Suppurative			2					4	2				2		3	2					20	2.7
Prostate, Dorsal/Lateral Lobe													+								49	
Cyst							X														1	
Inflammation, Chronic Active					1																2	1.0
Inflammation, Suppurative	1	2	2	2		2	2	3	2	2	1	1		1	3	1	1	1	2	3	34	1.6
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia	2	2	2								2										7	1.9
Infiltration Cellular, Lymphocyte												1									2	1.0
Inflammation, Chronic Active																					1	1.0
Inflammation, Suppurative														1							3	1.3
Rete Testes	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Dilatation		2																1			2	1.5
Fibrosis																					1	1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	

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M ..Missing tissue
A ..Autolysis precludes evaluation
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	762	762	762	762	762	762	763	763	763	763	763	763	762	762	*TOTALS	
ANIMAL ID	0058	0069	0063	0063	0067	0067	0067	0072	0072	0072	0072	0072	0077	0077	0077	0077	0077	0077	0078	0079		
Atrophy																					4	1.8
Lumen, Dilatation							4														2	4.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Seminif Tub, Degeneration		4		1									2	2	1			1			19	1.8
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hypocellularity																					1	3.0
Myeloid Cell, Hyperplasia	2					1															6	1.7
Lymph Node	+	+	+			+				+	+						+				14	
Axillary, Hyperplasia, Lymphoid		4																			1	4.0
Degeneration, Cystic																					1	4.0
Inguinal, Degeneration, Cystic																					1	3.0
Inguinal, Hyperplasia, Lymphoid		3																			1	3.0
Inguinal, Infiltration Cellular, Plasma Cell		3																			1	3.0
Lumbar, Degeneration, Cystic	4					3					4						3				8	3.5
Lumbar, Hyperplasia, Lymphoid	3	4	4																		3	3.7
Lumbar, Infiltration Cellular, Plasma Cell	3	4	4			4											4				7	3.6
Mediastinal, Infiltration Cellular, Plasma Cell																	3				1	3.0
Renal, Degeneration, Cystic										3											1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration, Cystic	3								2							1			1		10	1.9
Hyperplasia, Lymphoid		2		2	2	2	2	2	1	2	2	3	2	2				2	2	2	27	2.1

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

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	762	762	762	762	762	763	763	763	763	763	763	762	762		
ANIMAL ID	0058	0069	0063	0063	0067	0067	0067	0072	0072	0072	0072	0072	0077	0077	0077	0075	0076	0077	0078	0079	*TOTALS
Infiltration Cellular, Plasma Cell	3	2	4	2	3	2	2	3	2		2		3	2		1			2		38 2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Degeneration, Cystic																	3				1 3.0
Hyperplasia, Lymphoid				2																	3 2.0
Inflammation, Granulomatous						2										2					9 1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Depletion Lymphoid																					1 2.0
Hematopoietic Cell Proliferation	1	3	2	2		1			1	2		2	2	2	2	1			1	1	29 1.8
Hyperplasia, Lymphoid										2		2					1				5 1.8
Infiltration Cellular, Polymorphnuclr																					1 3.0
Pigmentation	1				1		1	2		2			1		2	2			3		20 2.2
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	45
Atrophy	4		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		43 3.9
Cyst							X														1
Epithel Cell, Hyperplasia																1					2 1.5
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Acinus, Degeneration	3		4	1		1		4	3	1		1	3	3	3				2	1	29 2.1
Alveolus, Hyperplasia							1														1 1.0
Ectasia																					1 2.0
Lactation																					3 1.7
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51

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

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	761	762	762	762	762	762	763	763	763	763	763	763	763	762	762	*TOTALS	
ANIMAL ID	0058	0069	0063	0063	0067	0067	0067	0072	0072	0072	0072	0072	0077	0077	0077	0077	0077	0077	0077	0078	0079		
Cyst Epithelial Inclusion												X										2	
Epidermis, Hyperplasia																						1	2.0
Epidermis, Inflammation, Suppurative																						1	2.0
Fibrosis																	3					1	3.0
Hyperkeratosis																						1	2.0
Inflammation, Chronic Active		4	4	4		4			4	4	4	4	4			4	4		4			24	4.0
Musculoskeletal System																							
Bone																						2	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		51	
Skeletal Muscle																						1	
Nervous System																							
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Compression																						5	2.2
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Hydrocephalus																						1	1.0
Respiratory System																							
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		46	
Alveolar Epith, Hyperplasia					1				1													7	1.3
Infiltration Cellular, Histiocyte	1	1	1		2	1			2	2	2	1		1								18	1.5
Mediastinum, Hemorrhage																						1	4.0

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X ..Lesion present
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M ..Missing tissue
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	761	762	762	762	762	762	763	763	763	763	763	763	762	762		
ANIMAL ID	0058	0069	0063	0063	0067	0067	0067	0072	0072	0072	0072	0072	0077	0077	0077	0077	0077	0077	0078	0079	*TOTALS	
Mediastinum, Inflammation, Suppurative																					1	4.0
Mediastinum, Necrosis																					1	4.0
Metaplasia, Osseous																					1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Inflammation, Chronic Active																					3	2.0
Inflammation, Suppurative																	2				4	1.5
Mucosa, Hyperkeratosis												3									2	3.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Bilateral, Cataract																					2	
Cataract																					1	
Hemorrhage																					1	4.0
Inflammation, Suppurative																					1	4.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Infiltration Cellular, Lymphocyte						1				1											3	1.0
Zymbal's Gland																					1	
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Cyst		X		X	X	X	X					X	X	X	X						20	
Medulla, Cyst																					1	
Nephropathy	2	2		3	3	2	2	1	1	2	1	2	2	2	2	1	1	2	1	3	42	1.8

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\+ ..Tissue examined microscopically
X ..Lesion present
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A ..Autolysis precludes evaluation
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1 0PPB

DAY ON TEST	758	761	761	761	761	761	761	762	762	762	762	762	763	763	763	763	763	763	762	762		
ANIMAL ID	0057 8	0062 9	0063 0	0063 1	0067 5	0067 6	0067 7	0072 5	0072 6	0072 7	0072 8	0072 9	0077 2	0077 3	0077 4	0077 5	0077 6	0077 7	0077 8	0077 9	*TOTALS	
Transit Epithe, Hyperplasia	2					2															3	2.7
Urethra																			+		2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Dilatation																					1	4.0

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+ ..Tissue examined microscopically
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1 2PPB

DAY ON TEST	0146	0198	0386	0492	0554	0598	0597	0596	0600	0617	0638	0639	0650	0688	0696	0704	0716	0737	0743	0756	0756	0756	0757	0757	0757	0757	0757	0757	0758	0758	0761
ANIMAL ID	0004	0005	0033	0057	0090	0138	0139	0140	0141	0158	0183	0184	0204	0263	0286	0304	0324	0360	0386	0427	0428	0429	0482	0483	0484	0485	0532	0533	0579	0580	0632
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	+	+	+	A	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	A	+	+	+	A	+	+	+	+	A	+	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	A	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	+	+	+	A	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	+	A	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis							1		2								4									1					
Basophilic Focus																					X										X
Bile Duct, Hyperplasia																				1					1	1		1			
Biliar Tract, Fibrosis														1										1							
Degeneration, Cystic																					1	1									
Eosinophilic Focus																															X
Hematopoietic Cell Proliferation															2																
Hepatodiaphragmatic Nodule																								X							
Infiltration Cellular, Lymphocyte																								1					2		
Inflammation, Chronic Active							1									2											1				
Necrosis																2															
Oval Cell, Hyperplasia														2																	
Vacuolization Cytoplasmic									2														2						2		

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CD Rat Male
F1 2PPB

DAY ON TEST	014	019	038	049	054	059	059	059	060	061	063	063	065	068	069	070	071	073	074	075	075	075	075	075	075	075	075	075	075	075	076
ANIMAL ID	0004	0005	0033	0057	0090	0138	0139	0140	0141	0158	0183	0184	0204	0263	0286	0304	0324	0360	0386	0427	0428	0429	0482	0483	0484	0485	0532	0533	0579	0580	0632
Mesentery																															
Fat, Necrosis																															
Oral Mucosa														+		+															
Keratin Cyst														X																	
Pancreas	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration					1		2	1	2	2	1	1		2	1	1	2	2	3	2	2	3	1	4	2	3		2	3	2	2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																															
Necrosis																															
Stomach, Glandular	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																															
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium, Dilatation													2	4			4														
Cardiomyopathy		1		1			1			2	1	1		3	1	1		1		2	1	2	2		1	2	2	1	1		2
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																															
Angiectasis																						2									
Hyperplasia												1								2						1					

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CD Rat Male
F1 2PPB

DAY ON TEST	014 6	019 8	038 6	049 2	055 4	059 8	059 7	059 6	060 0	061 7	063 8	063 9	065 0	068 8	069 6	070 4	071 6	073 7	074 3	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 8	075 8	076 1
ANIMAL ID	0000 4	0000 5	0000 3 3	0000 5 7	0000 9 0	0013 8	0013 9	0014 0	0014 1	0015 8	0018 3	0018 4	0020 4	0026 3	0028 6	0030 4	0032 4	0036 0	0038 6	0042 7	0042 8	0042 9	0048 2	0048 3	0048 4	0048 5	0053 2	0053 3	0057 9	0058 0	0063 2
Hypertrophy								2							1																
Metaplasia, Osseous								4																							
Vacuolization Cytoplasmic								2							1						4							1			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Hyperplasia																			1								1				
Islets, Pancreatic	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia							1								1	1		1			1	1	1	1					1		1
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	M	+	I	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																			1										2		2
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																									X						
Pars Distalis, Hyperplasia											2										2				2		1				
Pars Intermed, Cyst																															
Pars Intermed, Hyperplasia																				2											
Thyroid Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia															1							1									1
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				2												3															

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CD Rat Male
F1 2PPB

DAY ON TEST	0146	0198	0386	0492	0554	0598	0597	0596	0600	0617	0638	0639	0650	0688	0696	0704	0716	0737	0743	0756	0756	0756	0757	0757	0757	0757	0757	0757	0758	0758	0761
ANIMAL ID	0004	0005	0033	0057	0090	0138	0139	0140	0141	0158	0183	0184	0204	0263	0286	0304	0324	0360	0386	0427	0428	0429	0482	0483	0484	0485	0532	0533	0579	0580	0632
Developmental Malformation	X	X													X				X		X			X							
Lumen, Dilatation																												2			
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy													2										1	3					3		
Granuloma Sperm																								4							
Hypospermia													4										4	4					4		
Penis												+																			
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess							4																								
Atrophy													2																		
Duct, Dilatation																										2			3		
Infiltration Cellular, Lymphocyte									1	1		1	2			2	1			2	1				4		1			2	1
Inflammation, Suppurative	3							4						1					4			2	2	2	2	3			2		
Prostate, Dorsal/Lateral Lobe	+	+		+						+	+					+			+					+			+				
Atrophy													2																		
Cyst																															X
Inflammation, Chronic Active																									2				1		
Inflammation, Suppurative					1		2	1	2			2	2	4	3		2	2		2	1	2	2			1		3		1	1
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy													2																		
Degeneration				2																											
Hyperplasia																1															
Infiltration Cellular, Lymphocyte																															

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F1 2PPB

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Inflammation, Chronic Active																									2			2			
Inflammation, Suppurative								2						4							1										
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	M	M	+	+	+	+	M	+	+
Seminal Vesicle	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				2			2					2												2							
Epithelium, Hyperplasia																														4	
Inflammation, Suppurative																															
Lumen, Dilatation															3													2			
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Malformation																															
Seminif Tub, Degeneration					1		1	1	1		1		1					1	1				4	4		1			4	1	
Hematopoietic System																															
Bone Marrow	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia																			2												
Myeloid Cell, Hyperplasia				1			2	2							4			4							2				2		
Lymph Node			+			+	+								+			+			+				+						
Axillary, Hyperplasia, Lymphoid							2																								
Degeneration, Cystic																		3													
Lumbar, Degeneration, Cystic							4																		4						
Lumbar, Hyperplasia, Lymphoid																															
Lumbar, Infiltration Cellular, Plasma Cell							2																								
Mediastinal, Infiltration Cellular, Plasma Cell																															

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ANIMAL ID	0004	0005	0033	0057	0090	0138	0139	0140	0141	0158	0183	0184	0204	0263	0286	0304	0324	0360	0386	0427	0428	0429	0482	0483	0484	0485	0532	0533	0579	0580	0632
Popliteal, Degeneration, Cystic																															
Popliteal, Infiltration Cellular, Plasma Cell																															
Renal, Degeneration, Cystic															2						3										
Renal, Infiltration Cellular, Plasma Cell															3																
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic										3											4	2	1					4			
Hyperplasia, Lymphoid								3				2			2				2		2	2	2			2	2	2		2	2
Infiltration Cellular, Plasma Cell	2			3	2		2	2	3	2	1				2	2	3			2		4	2	2		3		3		2	2
Lymph Node, Mesenteric	A	+	+	I	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic							2											2													
Hyperplasia, Lymphoid																					1										
Inflammation, Granulomatous		2						1		2			2			1		2						2	1	1				2	2
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid													4																		
Hematopoietic Cell Proliferation							2							4	4			2	3								1	3		2	
Hyperplasia, Lymphoid																															
Infiltration Cellular, Polymorphnuclr															4																
Inflammation, Chronic Active																															
Necrosis																2															
Pigmentation							2	2			1	3	3	2			2			3			2			2		1	1	2	
Thymus	A	+	+	+	+	+	+	+	+	A	+	I	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					3		4	3	4		4			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Epithel Cell, Hyperplasia																															2

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Experiment Number: 99920-94
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 13:28:06
First Dose M/F: NA / NA
Lab: NCTR

CD Rat Male
F1 2PPB

DAY ON TEST	014 6	019 8	038 6	049 2	055 4	059 8	059 7	059 6	060 0	061 7	063 8	063 9	065 0	068 8	069 6	070 4	071 6	073 7	074 3	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 8	075 8	076 1
ANIMAL ID	0000 4	0000 5	0000 3	0000 7	0000 9	0013 8	0013 9	0014 0	0014 1	0015 8	0018 3	0018 4	0020 4	0026 3	0028 6	0030 4	0032 4	0036 0	0038 6	0042 7	0042 8	0042 9	0048 2	0048 3	0048 4	0048 5	0053 2	0053 3	0057 9	0058 0	0063 2
Integumentary System																															
Mammary Gland	+	+	+	M	+	+	+	M	+	M	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration		1					3								1	3		2		2						2			3		1
Alveolus, Hyperplasia																									3						
Atypical Focus																										X					
Ectasia																												2			
Lactation									1			1					1					2						2		2	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																											X				
Epidermis, Necrosis																		2													
Hyperkeratosis																															
Inflammation, Chronic Active				4													4	2			3				4		4	4			
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle											+																				
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression												3					2											2		3	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus									1			1																		1	

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Peripheral Nerve											+																				
Spinal Cord											A																				
Respiratory System																															
Lung	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																					1										
Congestion																															
Infiltration Cellular, Histiocyte				1				1			1	2			1			1		1	3							1		1	
Inflammation, Chronic Active							1																								
Metaplasia, Osseous																										1					
Nose	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Exudate																								2							
Inflammation, Suppurative										1											2							2			
Metaplasia, Squamous																															
Polyp, Inflammatory													4																		
Vomeronas Org, Dilatation																								3			3	4			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Cyst					X			X						X						X		X	X			X	X	X	X	X	X
Nephropathy				1	2		1	1		1		1		2	2	4	1		1	2	1	1	1	1	1	1	1	2	2	1	3
Pelvis, Inflammation, Suppurative							2																								
Transit Epithe, Hyperplasia							2																								
Urethra							+																								
Urinary Bladder	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis								1												5	1.8
Basophilic Focus													X							3	
Bile Duct, Hyperplasia		1				1	1				1						1			9	1.0
Biliar Tract, Fibrosis																				2	1.0
Degeneration, Cystic														1						3	1.0
Eosinophilic Focus	X				X			X						X						5	
Hematopoietic Cell Proliferation																				1	2.0
Hepatodiaphragmatic Nodule																				1	
Infiltration Cellular, Lymphocyte																	1			3	1.3
Inflammation, Chronic Active			1			1														5	1.2
Necrosis																				1	2.0
Oval Cell, Hyperplasia																				1	2.0
Vacuolization Cytoplasmic														2						4	2.0

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

CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Mesentery													+							1	
Fat, Necrosis													4							1	4.0
Oral Mucosa																				2	
Keratin Cyst																				1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration		2	3	2	2	3	2	2	2	3	4	2	2	1	2	1	2	2	4	42	2.1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Edema									3											1	3.0
Necrosis									2											1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Cyst							X													1	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrium, Dilatation																				3	3.3
Cardiomyopathy	2	2				1	1	3	2	1	1	1	1	1	2	1		2		34	1.5
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Accessory Adrenal Cortical Nodule										X										1	
Angiectasis														2						2	2.0
Hyperplasia	2										4							3		6	2.2

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

CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Hypertrophy															1					3	1.3
Metaplasia, Osseous																				1	4.0
Vacuolization Cytoplasmic	2		1							2					3			2		9	2.0
Adrenal Medulla	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	48	
Angiectasis														4						1	4.0
Hyperplasia	1		2																	4	1.3
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hyperplasia					2			2											1	13	1.2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hyperplasia					2			2												5	1.8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia				3							4									6	2.3
Pars Intermed, Cyst									X											1	
Pars Intermed, Hyperplasia																				1	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia	1																			4	1.0
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy																				2	2.5

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CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Developmental Malformation		X				X				X								X		10	
Lumen, Dilatation											3									2	2.5
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy			4																	5	2.6
Granuloma Sperm																				1	4.0
Hypospermia			4																	5	4.0
Penis																				1	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																				1	4.0
Atrophy												2								2	2.0
Duct, Dilatation					2		2			2	1		2	3		1				9	2.0
Infiltration Cellular, Lymphocyte			2	1							1	2			2					17	1.6
Inflammation, Suppurative	3	2			1		2	3		2			3	3		3		2	2	21	2.4
Prostate, Dorsal/Lateral Lobe									+			+	+	+						50	
Atrophy																				1	2.0
Cyst																				1	
Inflammation, Chronic Active																				2	1.5
Inflammation, Suppurative	1	2	1	2	1	1	1	2		1	2				2	2	2	2	1	33	1.7
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				1	2.0
Degeneration																				1	2.0
Hyperplasia						1		1									1			4	1.0
Infiltration Cellular, Lymphocyte																		2		1	2.0

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CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Inflammation, Chronic Active																				2	2.0
Inflammation, Suppurative																				3	2.3
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	44	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Atrophy																				4	2.0
Epithelium, Hyperplasia																				1	4.0
Inflammation, Suppurative			1																	1	1.0
Lumen, Dilatation	4	2	3																	5	2.8
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Malformation		X																		1	
Seminif Tub, Degeneration			4	1		1										2		1	1	19	1.7
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Erythroid Cell, Hyperplasia																				1	2.0
Myeloid Cell, Hyperplasia																				7	2.4
Lymph Node		+	+			+		+	+			+	+			+			+	16	
Axillary, Hyperplasia, Lymphoid																				1	2.0
Degeneration, Cystic												4								2	3.5
Lumbar, Degeneration, Cystic		4	4			3		3	3			2	2			3			4	11	3.3
Lumbar, Hyperplasia, Lymphoid								2								3				2	2.5
Lumbar, Infiltration Cellular, Plasma Cell			3					3					3			2				5	2.6
Mediastinal, Infiltration Cellular, Plasma Cell																2				1	2.0

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CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Popliteal, Degeneration, Cystic		2																		1	2.0
Popliteal, Infiltration Cellular, Plasma Cell		4																		1	4.0
Renal, Degeneration, Cystic									3											3	2.7
Renal, Infiltration Cellular, Plasma Cell																				1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic		3	4											2	2		1		2	11	2.5
Hyperplasia, Lymphoid	2	3		3	1	3		2	2		2	2	2		2		2	3	2	26	2.2
Infiltration Cellular, Plasma Cell	3	4		2	2	2		3		2	2	2	2	2		2	3		3	33	2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Degeneration, Cystic								1												3	1.7
Hyperplasia, Lymphoid																				1	1.0
Inflammation, Granulomatous		1	2	2								2								15	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Depletion Lymphoid																				1	4.0
Hematopoietic Cell Proliferation		3	1			2		2					3			1				14	2.4
Hyperplasia, Lymphoid						1														1	1.0
Infiltration Cellular, Polymorphnuclr																				1	4.0
Inflammation, Chronic Active	4																			1	4.0
Necrosis	4																			2	3.0
Pigmentation							3		2	1	2			3	2	1	2			21	2.0
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	44	
Atrophy	4	4	4		4	4	4	2	4	4	4	4		4	4	4	3	4	4	40	3.9
Epithel Cell, Hyperplasia																1				2	1.5

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CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Acinus, Degeneration			4					3	2	4	1			3	4	2	4	1		19	2.4
Alveolus, Hyperplasia		2					1						1							4	1.8
Atypical Focus																				1	
Ectasia	3	3																		3	2.7
Lactation	3	3			2															9	1.9
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion																				1	
Epidermis, Necrosis																				1	2.0
Hyperkeratosis						3														1	3.0
Inflammation, Chronic Active		4				4		4	4		4		4			4				14	3.8
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression		2			1			1												7	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				3	1.0

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CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	0063 3	0063 4	0067 8	0067 9	0068 0	0073 0	0073 1	0073 2	0073 3	0073 4	0073 5	0073 6	0078 0	0078 1	0078 2	0078 3	0078 4	0078 5	0078 6	*TOTALS	
Peripheral Nerve																				1	
Spinal Cord																				0	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Alveolar Epith, Hyperplasia														4						2	2.5
Congestion		4																		1	4.0
Infiltration Cellular, Histiocyte			1	1			1		2	2	1	1		3						18	1.4
Inflammation, Chronic Active																				1	1.0
Metaplasia, Osseous																				1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Exudate																				1	2.0
Inflammation, Suppurative	2		2											2						6	1.8
Metaplasia, Squamous			3																	1	3.0
Polyp, Inflammatory																				1	4.0
Vomeronas Org, Dilatation																				3	3.3
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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CD Rat Male
F1 2PPB

DAY ON TEST	762	761	762	762	761	763	762	763	762	762	762	762	763	762	762	762	762	763	761		
ANIMAL ID	00633	00634	00678	00679	00680	00730	00731	00732	00733	00734	00735	00736	00780	00781	00782	00783	00784	00785	00786	*TOTALS	
Cyst	X				X				X				X		X			X		18	
Nephropathy	4		1	1	1	2	1	2	2	1	1	1	1	1	2	1	2	1	1	41	1.5
Pelvis, Inflammation, Suppurative			2																	2	2.0
Transit Epithe, Hyperplasia			2																	2	2.0
Urethra														+						2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	

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2) Mild 4) Marked

CD Rat Male
F1 10PPB

DAY ON TEST	047	049	052	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis			2					2						2																	
Intestine Large, Cecum	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																		1													
Inflammation, Chronic Active																			2												
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Basophilic Focus						X																X									
Bile Duct, Hyperplasia									1		1		1		1												1				
Biliar Tract, Fibrosis																															
Cyst Multilocular																					X										
Degeneration, Cystic		1																													1
Eosinophilic Focus									X													X		X							
Focal Cellular Change																															
Hematopoietic Cell Proliferation																										1					
Hepatodiaphragmatic Nodule			X															X	X											X	

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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

CD Rat Male
F1 10PPB

DAY ON TEST	047	049	052	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Inflammation, Chronic											1																				
Inflammation, Chronic Active			1																		2				1	1					
Mixed Cell Focus																	X														
Necrosis			2				2																								
Tension Lipidosis																			4												4
Vacuolization Cytoplasmic			1					2	2													1	2		1					1	
Mesentery			+																				+								
Fat, Necrosis			3																				4								
Oral Mucosa											+			+					+		+										
Pancreas	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		2			1	1	2		1				2	1	3		2	2	3	1	2	1	2	2	2	3	4	2	2	2	1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative								2																							
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Keratin Cyst																															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2		2	1	2	1		2	2	1	2	2		2		1	2	1	1		2	1	1	1	2	1	1		1	2	
Endocardium, Hyperplasia																															3
Endocrine System																															

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

CD Rat Male
F1 10PPB

DAY ON TEST	0467	0494	0552	0562	0596	0602	0602	0615	0624	0632	0633	0667	0669	0688	0696	0709	0737	0737	0744	0744	0756	0756	0756	0756	0756	0757	0757	0757	0757	0757	0758
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																															
Angiectasis																										1					
Degeneration, Cystic				2																					2			1	2		
Hyperplasia											1										3							2			
Hypertrophy													1																		
Vacuolization Cytoplasmic	1					3					1					1					3	2					1				
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia							1											1		2		1			3						
Islets, Pancreatic	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia															1				1												
Parathyroid Gland	+	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia								1																			2			1	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																			X					X			X				
Pars Distalis, Hyperplasia							1								1				2						1						
Pars Intermed, Hyperplasia																															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																			1										1		
Cyst, Squamous	X					X			X				X				X				X			X		X				X	
Follicular Cel, Hyperplasia																2															

General Body System

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+ ..Tissue examined microscopically
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I ..Insufficient tissue

M ..Missing tissue
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BLANK ..Not examined microscopically

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

CD Rat Male
F1 10PPB

DAY ON TEST	467	494	552	562	596	602	602	615	624	632	633	667	669	688	696	709	737	737	744	744	756	756	756	756	756	757	757	757	757	757	758
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Tissue NOS					+																										
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy								4						3																	
Developmental Malformation		X	X		X																	X					X				
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2							2												2			2							
Hypospermia		4							4				4								4			4							
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Atrophy																										2					
Duct, Dilatation		2				2	2			3		3	3	1								2					4	4			
Hyperplasia, Basal Cell																				3											
Infiltration Cellular, Lymphocyte			2						1																	2			1		2
Inflammation, Chronic Active										2																					
Inflammation, Suppurative	2	2					2	2			3		2	2	4	4		4		2	2	4			2		4	4		4	
Keratin Cyst																					X										
Prostate, Dorsal/Lateral Lobe	+	+									+														+						
Atrophy								3																							
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active	1																														
Inflammation, Suppurative			2	2	2	1	2		1	2		3	1	2	2	3	2	2	1	1	2	1	1	1		1	1	2	2	2	1

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CD Rat Male
F1 10PPB

DAY ON TEST	047	049	055	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy								3																							
Hyperplasia										1																					
Infiltration Cellular, Lymphocyte																							1								
Inflammation, Chronic Active																						1									
Inflammation, Suppurative							2			1					1	1		1							1						
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+
Dilatation		1							2																						
Fibrosis									2										3												
Seminal Vesicle	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy						1		4						3																	
Lumen, Dilatation																															
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstit Cell, Hyperplasia																															
Seminif Tub, Degeneration		4		2					4		1		4		1				4		4						2			1	2
Hematopoietic System																															
Bone Marrow	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia		1																													
Hypocellularity								4																							
Myeloid Cell, Hyperplasia		2					2								2	3			2	3											3
Lymph Node																		+	+	+					+					+	
Axillary, Hyperplasia, Lymphoid																															

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CD Rat Male
F1 10PPB

DAY ON TEST	047	049	052	056	059	060	060	061	062	063	063	067	069	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Axillary, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																		1							3					4	
Lumbar, Hyperplasia, Lymphoid																														4	
Lumbar, Infiltration Cellular, Plasma Cell																		3		3					4					4	
Mediastinal, Infiltration Cellular, Plasma Cell																															
Pancreatic, Degeneration, Cystic																															
Renal, Degeneration, Cystic																															
Thoracic, Degeneration, Cystic																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic											2		3								2										
Hyperplasia, Lymphoid		2		2														3	1	2	1	1	2	2	2				3	1	
Infiltration Cellular, Plasma Cell	3		3	3	2	3	2			3	3	2	3	3	2	2	2	4	1		2	2	2	2	3	2	2	3	3	2	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Hyperplasia, Lymphoid																															
Infiltration Cellular, Plasma Cell																		2													
Inflammation, Granulomatous	2						2	2		1							2								2				1		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Capsule, Cyst																															
Depletion Lymphoid								3																							
Hematopoietic Cell Proliferation		3		2		3	3		2		2				2	2		2	4	2	1					1			2		
Hyperplasia, Lymphoid		2									3																				
Hyperplasia, Stromal																															

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CD Rat Male
F1 10PPB

DAY ON TEST	047	049	052	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Pigmentation	2	2	3	2	2			1	3	4		2		3		2					2	2				1					
Red Pulp, Hyperplasia																															
Thymus	+	+	+	M	+	+	+	+	+	+	M	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	4	3	4		4	4	4	4		4			4	4	4	4		4	4		4	4	4	4	4	4	4	4	4	4	4
Cyst																								X							
Epithel Cell, Hyperplasia													2											2							
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	M	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration	1	3			2	3	1		3											2	4	4	3		3			2			2
Alveolus, Hyperplasia			3											2										2		1				2	
Duct, Dilatation																		1													
Duct, Ectasia														4																	
Duct, Hyperplasia																															
Duct, Inflammation, Chronic Active														3																	
Ectasia			3							2				3		2	2														
Lactation			3	2	1					3						2	2	1													
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																		4													
Cyst Epithelial Inclusion													X																		
Fibrosis																															
Foreign Body																		X													
Inflammation, Chronic Active								2									4	4		4	4	4			4			4		4	4

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CD Rat Male
F1 10PPB

DAY ON TEST	047	049	052	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle										+																					
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression			4	2	3				4	2		2				3	3	1													
Hemorrhage																	1														
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus			2																												
Peripheral Nerve										+																					
Spinal Cord										A																					
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																								1		2					
Infiltration Cellular, Histiocyte										1						2							2	2		2		1			1
Inflammation, Chronic Active									2		2																				
Metaplasia, Osseous																											1				1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																															

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CD Rat Male
F1 10PPB

DAY ON TEST	047	049	052	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Inflammation, Suppurative	4							2						2					4							2					
Mucosa, Keratin Cyst	X														X																
Vomeronas Org, Dilatation																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration		2				1	1		1																						
Degeneration								3																							
Infiltration Cellular, Lymphocyte																					2										
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Capsule, Inflammation, Chronic Active																															
Cyst		X			X	X	X	X						X					X		X	X			X				X	X	X
Hydronephrosis																												1			
Medulla, Cyst																															
Mineralization																												1			
Nephropathy		2	2	1		1	2	3	2	2	2		1	1	1	4		3	2	2	3	4	1	1	1	1	1	1	2	2	2
Pelvis, Inflammation, Suppurative																															
Polycystic Kidney																4															
Renal Tubule, Hyperplasia														1																	
Transit Epithe, Hyperplasia								2																4				2			

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2) Mild 4) Marked

CD Rat Male
F1 10PPB

DAY ON TEST	047	049	055	056	059	060	060	061	062	063	063	066	066	068	069	070	073	073	074	074	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0049	0059	0088	0103	0135	0146	0149	0156	0168	0172	0179	0226	0233	0264	0287	0310	0359	0361	0383	0390	0432	0433	0434	0435	0436	0488	0489	0490	0536	0537	0584
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

CD Rat Male
F1 10PPB

DAY ON TEST	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	005	005	005	006	006	006	006	006	006	006	006	006	006	007	007	007	007	007	007	*TOTALS	
	85	86	87	39	40	41	42	43	86	87	88	89	90	43	44	45	94	95	96		
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperkeratosis																				3	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperplasia, Lymphoid																				1	1.0
Inflammation, Chronic Active																				1	2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis											2									1	2.0
Basophilic Focus																			X	3	
Bile Duct, Hyperplasia		2																	1	7	1.1
Biliar Tract, Fibrosis											1									1	1.0
Cyst Multilocular																				1	
Degeneration, Cystic	2																1	1		5	1.2
Eosinophilic Focus	X	X									X						X	X		8	
Focal Cellular Change											X									1	
Hematopoietic Cell Proliferation																				1	1.0
Hepatodiaphragmatic Nodule																				4	

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M ..Missing tissue
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BLANK ..Not examined microscopically

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

CD Rat Male
F1 10PPB

DAY ON TEST	758	758	758	761	761	761	761	761	762	762	762	762	762	762	762	762	763	763	763		
ANIMAL ID	005 85	005 86	005 87	006 39	006 40	006 41	006 42	006 43	006 86	006 87	006 88	006 89	006 90	007 43	007 44	007 45	007 94	007 95	007 96	*TOTALS	
Inflammation, Chronic																				1	1.0
Inflammation, Chronic Active			1		1							1		1						8	1.1
Mixed Cell Focus																				1	
Necrosis																				2	2.0
Tension Lipidosis	1																			3	3.0
Vacuolization Cytoplasmic														2			1	1		10	1.4
Mesentery																				2	
Fat, Necrosis																				2	3.5
Oral Mucosa																				4	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration	3	2	3	2	2		1	2	2	1		1	1	3	4	3	2	2	2	40	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Suppurative																				1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Keratin Cyst			X																	1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1	1	1	1	2	2	1	1	1	1	1	1		2	2	2		1		40	1.4
Endocardium, Hyperplasia																				1	3.0
Endocrine System																					

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

CD Rat Male
F1 10PPB

DAY ON TEST	758	758	758	761	761	761	761	761	762	762	762	762	762	762	762	762	763	763	763		
ANIMAL ID	005 85	005 86	005 87	006 39	006 40	006 41	006 42	006 43	006 86	006 87	006 88	006 89	006 90	007 43	007 44	007 45	007 94	007 95	007 96	*TOTALS	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Accessory Adrenal Cortical Nodule			X				X													2	
Angiectasis		2									3									3	2.0
Degeneration, Cystic																				4	1.8
Hyperplasia							1				1	2	2							7	1.7
Hypertrophy																				1	1.0
Vacuolization Cytoplasmic						1			1						2					10	1.6
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia																				5	1.6
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia														1			1	1		5	1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	46	
Hyperplasia			2						1			1								6	1.3
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst							X							X						5	
Pars Distalis, Hyperplasia	2		1			2	3	3				2		1					2	12	1.8
Pars Intermed, Hyperplasia											2									1	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C Cell, Hyperplasia			1						1				2	1						6	1.2
Cyst, Squamous		X				X		X	X	X		X			X					16	
Follicular Cel, Hyperplasia																				1	2.0

General Body System

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

CD Rat Male
F1 10PPB

DAY ON TEST	758	758	758	761	761	761	761	761	762	762	762	762	762	762	762	762	763	763	763			
ANIMAL ID	005 85	005 86	005 87	006 39	006 40	006 41	006 42	006 43	006 86	006 87	006 88	006 89	006 90	007 43	007 44	007 45	007 94	007 95	007 96	*TOTALS		
Tissue NOS																				1		
Genital System																						
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy																					2	3.5
Developmental Malformation	X	X								X			X		X	X					11	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy									3												5	2.2
Hypospermia									4												6	4.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Abscess													4								1	4.0
Atrophy		2				2	2			1											5	1.8
Duct, Dilatation			2	2	2									3	3						15	2.5
Hyperplasia, Basal Cell																					1	3.0
Infiltration Cellular, Lymphocyte							2	2			1						2		2		10	1.7
Inflammation, Chronic Active										2											2	2.0
Inflammation, Suppurative			2	2	3									1	3	2					23	2.7
Keratin Cyst																					1	
Prostate, Dorsal/Lateral Lobe			+							+										50		
Atrophy																					1	3.0
Infiltration Cellular, Lymphocyte																1					1	1.0
Inflammation, Chronic Active		1				2	1														4	1.3
Inflammation, Suppurative	1			2	1			1	1		2	2	2	1	2		2	1	2		39	1.6

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

CD Rat Male
F1 10PPB

DAY ON TEST	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	005	005	005	006	006	006	006	006	006	006	006	006	006	007	007	007	007	007	007	*TOTALS	
	85	86	87	39	40	41	42	43	86	87	88	89	90	43	44	45	94	95	96		
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				1	3.0
Hyperplasia													2		1					3	1.3
Infiltration Cellular, Lymphocyte	2														1			1		4	1.3
Inflammation, Chronic Active							4													2	2.5
Inflammation, Suppurative																				6	1.2
Rete Testes	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	46	
Dilatation																				2	1.5
Fibrosis																				2	2.5
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy						1														4	2.3
Lumen, Dilatation			3											2						2	2.5
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Interstit Cell, Hyperplasia						4														1	4.0
Seminif Tub, Degeneration	2			2	1				4	1		1	1			4				19	2.4
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Erythroid Cell, Hyperplasia																				1	1.0
Hypocellularity											2									2	3.0
Myeloid Cell, Hyperplasia		2																		8	2.4
Lymph Node	+	+	+	+		+			+				+	+	+		+		+	16	
Axillary, Hyperplasia, Lymphoid																			2	1	2.0

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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
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CD Rat Male
F1 10PPB

DAY ON TEST	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	005	005	005	006	006	006	006	006	006	006	006	006	006	007	007	007	007	007	007	007	*TOTALS	
	85	86	87	39	40	41	42	43	86	87	88	89	90	43	44	45	94	95	96			
Axillary, Infiltration Cellular, Plasma Cell		4																			1	4.0
Lumbar, Degeneration, Cystic			4	3		3								3	1						8	2.8
Lumbar, Hyperplasia, Lymphoid															3						2	3.5
Lumbar, Infiltration Cellular, Plasma Cell				4											4		2				7	3.4
Mediastinal, Infiltration Cellular, Plasma Cell															2						1	2.0
Pancreatic, Degeneration, Cystic									3												1	3.0
Renal, Degeneration, Cystic		4	4										4								3	4.0
Thoracic, Degeneration, Cystic	4																				1	4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration, Cystic						1						2							1		6	1.8
Hyperplasia, Lymphoid	2	1	2			2	3			2	2	3	2			2	2	1	2		25	1.9
Infiltration Cellular, Plasma Cell	2		3	3	2	2	2					2	2			2	2		3		37	2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Degeneration, Cystic										1											1	1.0
Hyperplasia, Lymphoid										2											1	2.0
Infiltration Cellular, Plasma Cell																					1	2.0
Inflammation, Granulomatous				1	1		2	2	2		2		1								14	1.6
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Capsule, Cyst											X										1	
Depletion Lymphoid																					1	3.0
Hematopoietic Cell Proliferation	2		1	2		2		1		2	2	2			1						23	2.0
Hyperplasia, Lymphoid																					2	2.5
Hyperplasia, Stromal					4																1	4.0

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CD Rat Male
F1 10PPB

DAY ON TEST	758	758	758	761	761	761	761	761	762	762	762	762	762	762	762	762	763	763	763		
ANIMAL ID	005 85	005 86	005 87	006 39	006 40	006 41	006 42	006 43	006 86	006 87	006 88	006 89	006 90	007 43	007 44	007 45	007 94	007 95	007 96	*TOTALS	
Pigmentation	1					1	2			2	1			1	2		2			22	2.0
Red Pulp, Hyperplasia																		4		1	4.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Atrophy	4	4	3	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	44	3.9
Cyst																				1	
Epithel Cell, Hyperplasia																				2	2.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Acinus, Degeneration			4		3			1	3	1	3			3		4	3	4	2	24	2.7
Alveolus, Hyperplasia												1								6	1.8
Duct, Dilatation																				1	1.0
Duct, Ectasia																				1	4.0
Duct, Hyperplasia							1								1					2	1.0
Duct, Inflammation, Chronic Active																				1	3.0
Ectasia												1			1					7	2.0
Lactation				3								1			2					10	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																				1	4.0
Cyst Epithelial Inclusion										X										2	
Fibrosis												2								1	2.0
Foreign Body																				1	
Inflammation, Chronic Active	4	4	4	4	4				4			4	4	4	4				4	21	3.9

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

CD Rat Male
F1 10PPB

DAY ON TEST	758	758	758	761	761	761	761	761	762	762	762	762	762	762	762	762	763	763	763		
ANIMAL ID	0058 5	0058 6	0058 7	0063 9	0064 0	0064 1	0064 2	0064 3	0068 6	0068 7	0068 8	0068 9	0069 0	0074 3	0074 4	0074 5	0079 4	0079 5	0079 6	*TOTALS	
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression																				9	2.7
Hemorrhage																				1	1.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis															3					1	3.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				1	2.0
Peripheral Nerve																				1	
Spinal Cord																				0	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Alveolar Epith, Hyperplasia														1					4	4	2.0
Infiltration Cellular, Histiocyte								1	1			3		1			1		3	13	1.6
Inflammation, Chronic Active																				2	2.0
Metaplasia, Osseous		1																		3	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic Active																2				1	2.0

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2) Mild 4) Marked

CD Rat Male
F1 10PPB

DAY ON TEST	758	758	758	761	761	761	761	761	762	762	762	762	762	762	762	762	763	763	763		
ANIMAL ID	005	005	005	006	006	006	006	006	006	006	006	006	006	007	007	007	007	007	007	*TOTALS	
	85	86	87	39	40	41	42	43	86	87	88	89	90	43	44	45	94	95	96		
Inflammation, Suppurative												1						2		7	2.4
Mucosa, Keratin Cyst																				2	
Vomeronas Org, Dilatation						4					2							3		3	3.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinus, Degeneration																				4	1.3
Degeneration																				1	3.0
Infiltration Cellular, Lymphocyte																				1	2.0
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Capsule, Inflammation, Chronic Active										4										1	4.0
Cyst				X	X			X			X	X			X	X		X		21	
Hydronephrosis																				1	1.0
Medulla, Cyst										X										1	
Mineralization																				1	1.0
Nephropathy	2	1	2	1	2	2	1	1	1	1	2	2	1	2	1	2	2	2	1	46	1.7
Pelvis, Inflammation, Suppurative		2	1																	2	1.5
Polycystic Kidney																				1	4.0
Renal Tubule, Hyperplasia																				1	1.0
Transit Epithe, Hyperplasia		2	2																	5	2.4

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

CD Rat Male
F1 10PPB

DAY ON TEST	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	058	058	058	063	064	064	064	064	068	068	068	068	069	074	074	074	079	079	079		*TOTALS
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49

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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

CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis		2									1			1																	
Intestine Large, Cecum	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																3															
Intestine Large, Colon	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																					2									1	
Basophilic Focus						X		X	X										X				X				X			X	
Biliar Tract, Fibrosis																															
Clear Cell Focus													X																		
Degeneration, Cystic						1									1																
Eosinophilic Focus																		X			X		X							X	X
Hematopoietic Cell Proliferation																															
Hepatodiaphragmatic Nodule												X														X				X	X
Infiltration Cellular, Lymphocyte																			1												
Inflammation, Chronic Active												1	1				1			2											
Mixed Cell Focus																															

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

CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Necrosis																				1											
Tension Lipidosis																			3											2	
Vacuolization Cytoplasmic																1				1			2	1					1	1	1
Mesentery									+																						
Fat, Necrosis									4																						
Oral Mucosa											+	+	+			+	+	+				+									
Keratin Cyst																		X				X									
Pancreas	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			2		1	2	2	3		1					2	2	2	3	2	3	4	4	2	2	2	2	3	2	4	2	1
Basophilic Focus																			X												
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration																															
Duct, Dilatation																															
Inflammation, Chronic Active																1															
Stomach, Forestomach	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema														3																	
Epithelium, Hyperplasia														2																	
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	1		1	2	1	2			1		1		1	1			1	1	1	2	1	2	2	2	1	1	2	1			

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CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Inflammation, Suppurative		3																													
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule			X																												
Angiectasis																															
Atrophy																					4										
Cyst																	4														
Degeneration, Cystic															4							2									2
Hyperplasia																							2	2			1				
Hypertrophy														2					1								2				
Pigmentation																					4										
Vacuolization Cytoplasmic									2							1							2								1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Hyperplasia					3		2	2		1				2	1									2							2
Islets, Pancreatic	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia					1			1		1					1							1									
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+
Hyperplasia																				2			2		2						2
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst												X				X	X				X										
Pars Distalis, Hyperplasia							2			4			1	3			1	2	2	2	2					1	3		2		
Pars Intermed, Cyst													X																		

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CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Thyroid Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia				1			1					1		1			1									2	2			3	
Cyst, Squamous																					X							X			X
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy												3																			
Degeneration, Cystic																															
Developmental Malformation				X	X																X		X				X				X
Inflammation, Suppurative		4																													
Lumen, Dilatation																						1									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Hypospermia																												4			
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																											4				
Atrophy					2	3						2																			
Duct, Dilatation					2				4	2	2					2								2							4
Infiltration Cellular, Lymphocyte												2						1	1	1	1		1					2			
Inflammation, Chronic Active						2																								1	
Inflammation, Suppurative		2	2	3	4				4	2	3			2		4						1		3		2			4		4

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CD Rat Male
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ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Prostate, Dorsal/Lateral Lobe	+					+										+	+				+						+				
Inflammation, Chronic Active																															
Inflammation, Suppurative		4	1	2	2		2	2	1	1	1	2	2		2			1	2	2		2	1	2	1	1		1	1	2	2
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																			1					1							
Infiltration Cellular, Lymphocyte	2																			1											
Inflammation, Chronic Active																								2			1				
Inflammation, Suppurative		3					1														1										
Rete Testes	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Dilatation																								2				2			
Fibrosis																															
Seminal Vesicle	A	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy									2			3		2																	
Inflammation, Suppurative		4																													
Lumen, Dilatation																				4		2									
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminif Tub, Degeneration							2	4		1						1	2	2				1			2			4			
Hematopoietic System																															
Bone Marrow	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia															2	2															
Hypocellularity																															
Myeloid Cell, Hyperplasia				1				3				2			2																

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CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Lymph Node							+				+			+								+	+		+	+	+				+
Axillary, Hyperplasia, Lymphoid																															
Axillary, Infiltration Cellular, Plasma Cell																															
Inguinal, Hyperplasia, Lymphoid																						3									
Inguinal, Infiltration Cellular, Plasma Cell											4											4									
Lumbar, Degeneration, Cystic																							4		3	4	4				2
Lumbar, Hyperplasia, Lymphoid																															2
Lumbar, Infiltration Cellular, Plasma Cell																									4						3
Popliteal, Infiltration Cellular, Plasma Cell																															
Renal, Degeneration, Cystic																															2
Renal, Hyperplasia, Lymphoid																															2
Renal, Infiltration Cellular, Plasma Cell																															4
Lymph Node, Mandibular	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic					2			2			3		2										1								2
Hyperplasia, Lymphoid			3							2		2	2					2				3	2	2		1	2		2	2	2
Infiltration Cellular, Plasma Cell				3	4			2				2	3		3			2	3	1		2	3	3	2	2	2	3	2		2
Lymph Node, Mesenteric	A	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid				2																											
Inflammation, Granulomatous											2				2								1				1		1	2	
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid		4																													
Hematopoietic Cell Proliferation										3			1		3		2		1	2	1			1			1		1		1
Hyperplasia, Stromal						4																									

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CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Necrosis														4																	
Pigmentation		3	2	2	2			2	3	1		3	1		1	2			1	2	2	2	2	2				1	3	2	2
Thymus	A	A	+	+	+	+	M	+	+	+	I	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Atrophy				4	4	4		4		4		4	4		4	4		4	4	4	4		4	4	4	4	4	4	4	4	4
Epithel Cell, Hyperplasia												2			1													1			
Integumentary System																															
Mammary Gland	A	+	+	+	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration												3			2				4	4					4		1			2	
Alveolus, Hyperplasia		1	1								1						1	4				3	3	3		3					
Duct, Hyperplasia																													1		1
Ectasia				2	3																	2									
Lactation				3	3																	2									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion												X		X						X											
Epidermis, Hyperplasia													2																		
Epidermis, Inflammation, Suppurative Hyperkeratosis													2																		
Inflammation, Chronic Active							4	4			4				4	4							4		4	4	4				4
Inflammation, Suppurative												4				2															
Ulcer																2															
Musculoskeletal System																															
Bone														+																	

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CD Rat Male
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DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle			+										+																		
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				2	2																										
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																															
Infiltration Cellular																															
Peripheral Nerve			+										+																		
Spinal Cord			A										A																		
Respiratory System																															
Lung	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																									1						1
Artery, Mineralization																												1	1		
Infiltration Cellular, Histiocyte						1						1										1			2	2					1
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active																1															
Metaplasia, Osseous																															
Nose	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body																															
Inflammation, Suppurative												3				4						1									

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CD Rat Male
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DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Mucosa, Keratin Cyst																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																		2													
Infiltration Cellular, Lymphocyte																		2													
Special Senses System																															
Eye	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration																															
Cataract																															
Cornea, Inflammation, Chronic Active															2																
Inflammation, Chronic Active																															
Inflammation, Suppurative																4															
Harderian Gland	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration					1																										
Infiltration Cellular, Lymphocyte			1														1	1												1	
Lacrimal Gland													+	+																	
Ectopic Harderian													3																		
Zymbal's Gland								+							+																
Urinary System																															
Kidney	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst				X		X		X								X			X		X		X					X		X	X
Mineralization																											1				2
Nephropathy			1	2	1			2		1			1	2			1	1	2	1	1	2	1	2	2	2		2	1	2	2

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CD Rat Male
F1 50PPB

DAY ON TEST	023	025	041	050	058	063	064	065	066	068	068	068	070	070	073	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0012	0016	0042	0062	0122	0182	0198	0211	0218	0259	0261	0271	0301	0305	0373	0402	0441	0442	0443	0444	0445	0496	0497	0498	0499	0500	0542	0543	0544	0545	0546
Pelvis, Inflammation, Suppurative		3																													
Renal Tubule, Hyperplasia																															
Urethra			+																									+			
Urinary Bladder	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage		2	3																												
Inflammation, Suppurative		3	2																												
Transit Epithe, Hyperplasia			2																												

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	763	756		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperkeratosis																				3	1.3
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Dilatation																				1	3.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis			2				2													4	1.8
Basophilic Focus			X	X		X	X	X		X	X					X		X	X	17	
Biliar Tract, Fibrosis							1													1	1.0
Clear Cell Focus																				1	
Degeneration, Cystic								1		1	1		1	2	1					8	1.1
Eosinophilic Focus		X	X	X			X	X					X	X	X	X			X	15	
Hematopoietic Cell Proliferation			2									1						1		3	1.3
Hepatodiaphragmatic Nodule								X	X											6	
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation, Chronic Active						1				1				1			1		1	9	1.1
Mixed Cell Focus											X									1	

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

CD Rat Male
F1 50PPB

DAY ON TEST	075	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	075		
ANIMAL ID	0059	0059	0059	0059	0060	0060	0064	0064	0065	0065	0069	0069	0069	0069	0069	0074	0075	0080	0080	*TOTALS	
Necrosis						1														2	1.0
Tension Lipidosis											1									3	2.0
Vacuolization Cytoplasmic		1	1			1	2				2			1						13	1.2
Mesentery																				1	
Fat, Necrosis																				1	4.0
Oral Mucosa						+												+		9	
Keratin Cyst																				2	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration		1	4	2		1	2	3		4	2	3	3	3	2	1	1	3	2	39	2.3
Basophilic Focus																				1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinus, Degeneration											3									1	3.0
Duct, Dilatation											4									1	4.0
Inflammation, Chronic Active																				1	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Edema																				1	3.0
Epithelium, Hyperplasia																				1	2.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	2		2	2	1	1	2	1	1		3	2	1	1	2	1		2	2	37	1.5

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	763	756		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Inflammation, Suppurative																				1	3.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Accessory Adrenal Cortical Nodule																				1	
Angiectasis	2			2												1				3	1.7
Atrophy																				1	4.0
Cyst																				1	4.0
Degeneration, Cystic							2													4	2.5
Hyperplasia	1		1			2														6	1.5
Hypertrophy																				3	1.7
Pigmentation																				1	4.0
Vacuolization Cytoplasmic			1			1	2	1	1			1							1	11	1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia	1		1					1				2					3			13	1.8
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia						1								1						7	1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	46	
Hyperplasia	3						1					1				2			2	9	1.9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst													X		X					6	
Pars Distalis, Hyperplasia						4			1		3							1	2	17	2.1
Pars Intermed, Cyst																				1	

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	763	756		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia	2																	1		10	1.5
Cyst, Squamous	X	X	X													X	X			8	
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy																				1	3.0
Degeneration, Cystic						3														1	3.0
Developmental Malformation	X	X					X					X	X		X	X	X			14	
Inflammation, Suppurative						2														2	3.0
Lumen, Dilatation																				1	1.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy										3	2									2	2.5
Hypospermia										4	4									3	4.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess	4																			2	4.0
Atrophy					3															4	2.5
Duct, Dilatation				2		2		2	3				2			2			3	14	2.4
Infiltration Cellular, Lymphocyte										2	1						1			10	1.3
Inflammation, Chronic Active																				2	1.5
Inflammation, Suppurative		2		2		3	2	1	4			1	2			1		3	3	25	2.6

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	763	756		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Prostate, Dorsal/Lateral Lobe			+	+						+										50	
Inflammation, Chronic Active															2			2			2 2.0
Inflammation, Suppurative	2	2			2	1	2	2	1		1	2	1	2		2	2		1		38 1.7
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia														2							3 1.3
Infiltration Cellular, Lymphocyte		1																			3 1.3
Inflammation, Chronic Active					2																3 1.7
Inflammation, Suppurative																					3 1.7
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Dilatation															1						3 1.7
Fibrosis										2											1 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy						2															4 2.3
Inflammation, Suppurative																					1 4.0
Lumen, Dilatation					2		4														4 3.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Seminif Tub, Degeneration		1	1					1	1	4	4		1	1	1		1		1		20 1.8
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Erythroid Cell, Hyperplasia																					2 2.0
Hypocellularity																	2				1 2.0
Myeloid Cell, Hyperplasia	4			3		1															7 2.3

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CD Rat Male
F1 50PPB

DAY ON TEST	075	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	075		
ANIMAL ID	059	059	059	059	060	060	064	064	065	065	065	069	069	069	069	069	074	075	080	080	*TOTALS	
Lymph Node	+	+					+							+		+			+		15	
Axillary, Hyperplasia, Lymphoid	3																				1	3.0
Axillary, Infiltration Cellular, Plasma Cell	3						3														2	3.0
Inguinal, Hyperplasia, Lymphoid																					1	3.0
Inguinal, Infiltration Cellular, Plasma Cell																					2	4.0
Lumbar, Degeneration, Cystic	4	2												2		2					9	3.0
Lumbar, Hyperplasia, Lymphoid																					1	2.0
Lumbar, Infiltration Cellular, Plasma Cell	4	3					3														5	3.4
Popliteal, Infiltration Cellular, Plasma Cell	4																				1	4.0
Renal, Degeneration, Cystic	2																			4	3	2.7
Renal, Hyperplasia, Lymphoid																					1	2.0
Renal, Infiltration Cellular, Plasma Cell	3																				2	3.5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Degeneration, Cystic			2				3					3		2		2					11	2.2
Hyperplasia, Lymphoid	2	2	4	2	2	2	2	2		2	2	2	1	2	2			2	3		29	2.1
Infiltration Cellular, Plasma Cell	2	2				3	2	2	3	2	3	3		2	2		1	3	4		32	2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		47	
Hyperplasia, Lymphoid													2	2							3	2.0
Inflammation, Granulomatous						3						1	1								9	1.6
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Depletion Lymphoid																					1	4.0
Hematopoietic Cell Proliferation	2			2		2	1			2	1	1	1	2	2	1	1	2			24	1.5
Hyperplasia, Stromal										4											2	4.0

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	763	756		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Necrosis																				1	4.0
Pigmentation	2	3	2		4	2					1				2	2	4			30	2.1
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Atrophy	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	3	41	4.0
Epithel Cell, Hyperplasia																		1		4	1.3
Integumentary System																					
Mammary Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Acinus, Degeneration		2				4					2						4			11	2.9
Alveolus, Hyperplasia	2			3				2	2			2	3	1	2			2		18	2.2
Duct, Hyperplasia																1				3	1.0
Ectasia	2																			4	2.3
Lactation	3																			4	2.8
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion															X					4	
Epidermis, Hyperplasia																				1	2.0
Epidermis, Inflammation, Suppurative					4															1	4.0
Hyperkeratosis																				1	2.0
Inflammation, Chronic Active	4	4						4		4				4					4	16	4.0
Inflammation, Suppurative																				2	3.0
Ulcer																				1	2.0
Musculoskeletal System																					
Bone																				1	

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	763	756		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				2	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression	1				4																4 2.3
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus					2																1 2.0
Infiltration Cellular																			1		1 1.0
Peripheral Nerve																				2	
Spinal Cord																				0	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Alveolar Epith, Hyperplasia																3					3 1.7
Artery, Mineralization																					2 1.0
Infiltration Cellular, Histiocyte							1		2				1		1	3					11 1.5
Infiltration Cellular, Lymphocyte																	2				1 2.0
Inflammation, Chronic Active																					1 1.0
Metaplasia, Osseous																1					1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Foreign Body								X													1
Inflammation, Suppurative		1				4		3									1				7 2.4

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CD Rat Male
F1 50PPB

DAY ON TEST	758	758	758	758	758	758	762	761	761	761	762	762	762	762	762	762	762	762	763	756	*TOTALS	
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1			
Mucosa, Keratin Cyst							X														1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Epithelium, Hyperplasia																					1	2.0
Infiltration Cellular, Lymphocyte																					1	2.0
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Bilateral, Retina, Degeneration																		4			1	4.0
Cataract																X					1	
Cornea, Inflammation, Chronic Active																					1	2.0
Inflammation, Chronic Active																4					1	4.0
Inflammation, Suppurative						4															2	4.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Acinus, Degeneration																					1	1.0
Infiltration Cellular, Lymphocyte					1																5	1.0
Lacrimal Gland																				2		
Ectopic Harderian																					1	3.0
Zymbal's Gland																				2		
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Cyst	X	X		X			X	X			X		X			X	X				19	
Mineralization		1											2								4	1.5
Nephropathy	2	2	3	2	2	2	2	2	1	2	3	3	1	3	2	2	1	1	2		40	1.8

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CD Rat Male
F1 50PPB

DAY ON TEST	075 8	075 8	075 8	075 8	075 8	075 8	076 2	076 1	076 1	076 1	076 2	076 2	076 2	076 2	076 2	076 2	076 2	076 3	075 6		
ANIMAL ID	0059 4	0059 5	0059 6	0059 7	0060 4	0060 6	0064 8	0064 9	0065 0	0065 1	0069 5	0069 6	0069 7	0069 8	0069 9	0074 9	0075 0	0080 0	0080 1	*TOTALS	
Pelvis, Inflammation, Suppurative																				1	3.0
Renal Tubule, Hyperplasia						1														1	1.0
Urethra																				2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hemorrhage																				2	2.5
Inflammation, Suppurative																				2	2.5
Transit Epithe, Hyperplasia																				1	2.0

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2) Mild 4) Marked

CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	485	510	534	549	569	603	610	619	623	642	646	656	681	695	719	725	737	736	747	756	756	757	757	757	757	758	758	758	762	762	761
ANIMAL ID	0055	0068	0079	0087	0107	0150	0153	0160	0167	0187	0197	0215	0255	0285	0326	0340	0362	0372	0389	0430	0431	0486	0487	0534	0535	0581	0582	0583	0635	0636	0637
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis					2														2												
Intestine Large, Cecum	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																4															
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																4															
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																4															
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																4															
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																2															
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus									X																X						
Bile Duct, Hyperplasia											1			1																1	
Biliar Tract, Fibrosis																			1	1											
Capsule, Fibrosis											1																				
Degeneration, Cystic									1														2		1	1	1	1			
Eosinophilic Focus																				X	X	X	X	X	X		X				
Hepatodiaphragmatic Nodule										X																					

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CD Rat Male
F1/2PPB TO CTL

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ANIMAL ID	0055	0068	0079	0087	0107	0150	0153	0160	0167	0187	0197	0215	0255	0285	0326	0340	0362	0372	0389	0430	0431	0486	0487	0534	0535	0581	0582	0583	0635	0636	0637
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active						1											1		1	1		2			1	1					
Mixed Cell Focus																															
Necrosis																						2									1
Vacuolization Cytoplasmic											2		1	1										2				1			
Mesentery													+																		
Fat, Necrosis													4																		
Oral Mucosa							+					+		+		+															
Keratin Cyst																															
Pancreas	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration	3	2	1	1	2	1	1		2		2		1	3	1	4	2	3	2	2	2	3	2	3	1	2	4	2		2	2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration																															
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																			2												
Epithelium, Hyperplasia					2		1												2												
Hyperplasia, Basal Cell																															4
Inflammation, Suppurative					3																										
Ulcer					2																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																			2												

Cardiovascular System

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ANIMAL ID	0005 5	0006 8	0007 9	0008 7	0010 7	0015 0	0015 3	0016 0	0016 7	0018 7	0019 7	0021 5	0025 5	0028 5	0032 6	0034 0	0036 2	0037 2	0038 9	0043 0	0043 1	0048 6	0048 7	0053 4	0053 5	0058 1	0058 2	0058 3	0063 5	0063 6	0063 7
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium, Dilatation					3							2																			
Atrium, Thrombosis																															
Cardiomyopathy	2		1	1	3	1	1		2	4	2	1	2	2	1			1	3		1	2		1	1	1	2	3	2	2	1
Inflammation, Suppurative					2																										
Metaplasia, Osseous																															
Ventricle, Dilatation																															
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																X															
Angiectasis																				2											
Atrophy																															
Degeneration, Cystic		1												2				2											1		
Hyperplasia																											1				
Hypertrophy																	2											1			
Vacuolization Cytoplasmic						2	1		1															1	1			1			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Hyperplasia											1				1	1		1							1		1				
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1	1					1					1															1		1	

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Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																		2						2				2		2	4
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																					X					X					X
Pars Distalis, Hyperplasia																4													2		
Pars Intermed, Cyst																					X										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																		1												1	
Cyst, Squamous					X	X						X															X			X	X
Infiltration Cellular, Lymphocyte							1																								
General Body System																															
Tissue NOS																												+			
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																2															
Developmental Malformation	X	X												X						X		X		X		X		X			X
Hemorrhage					4																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							2									3						2									
Hyperplasia							4																								
Hypospermia																4						4									
Infiltration Cellular, Lymphocyte																															

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Penis																	+														
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2	2																	1			2	2			1			
Cyst									X																						
Duct, Dilatation											4	1			4	3														2	
Infiltration Cellular, Lymphocyte								1																1	1		2				2
Inflammation, Chronic Active																														2	
Inflammation, Suppurative			4	1			2				3	1			3	4	4		4	2	2		2					2			
Prostate, Dorsal/Lateral Lobe	+							+										+													+
Cyst																						X									
Hemorrhage					4																										
Inflammation, Chronic Active					2		2																								
Inflammation, Suppurative		2	2	2		1			1	2	3	2	1	1	3	2	2		4	1	2	2	2	2	1	1	2	1	1	1	
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage					4																										
Hyperplasia													1							2			2						2		
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active					2		2		3							1											3				
Inflammation, Suppurative										2	2								4												
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Dilatation					3																										
Fibrosis																															
Seminal Vesicle	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Atrophy																3															
Dilatation		3																													
Hemorrhage					4																										
Lumen, Dilatation														4						3					4			3			
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granuloma Sperm																						2									
Seminif Tub, Degeneration	1	1		1	2	2	4		2				2			4			1		1	4		2			1				
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																															
Myeloid Cell, Hyperplasia						1	2	3		2								3								2					
Lymph Node	+					+								+				+										+		+	+
Axillary, Hyperplasia, Lymphoid																															
Axillary, Infiltration Cellular, Plasma Cell						4																									
Inguinal, Hyperplasia, Lymphoid																															
Inguinal, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																												2		2	
Lumbar, Hyperplasia, Lymphoid																												2			
Lumbar, Infiltration Cellular, Plasma Cell																														3	
Renal, Degeneration, Cystic														3																	
Renal, Hyperplasia, Lymphoid																															3
Renal, Infiltration Cellular, Plasma Cell																															2

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Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																		4									4				
Hyperplasia, Lymphoid					1	2					2			2	2				2	2	1	3						1			3
Infiltration Cellular, Plasma Cell	4		2	2		2	2	2	2	3	2		2				2	2		2		3	1	2	2	2	2	2	2	3	3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																2															
Hyperplasia, Lymphoid																															
Inflammation, Granulomatous				2	1			1		1		1		2			2	2													
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid					2							4																			
Hematopoietic Cell Proliferation					4			3		2			2	2			2	3	3	2						2	1			1	3
Hyperplasia, Lymphoid						1																									
Infiltration Cellular, Polymorphnuclr																			4												
Pigmentation			4	2	2				2			3				4						1	1	1	2	1		3	1	1	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Atrophy	4		4	4	4		4	4	3	4	4	4		4	3		4	4			4	4	4	3	4	4	4	4	4	4	4
Cyst, Squamous						X																									
Degeneration, Cystic																							3								
Epithel Cell, Hyperplasia													2																		
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	M	M	+	A	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration	2				4	2									3	3	2			3		1	4	4		3	2	4	3		2

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Alveolus, Hyperplasia																														3	
Ectasia			1						1																					2	
Lactation			2	2					2		1																			3	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion									X																						
Dermis, Fibrosis																															
Dermis, Inflammation, Chronic Active																															
Dermis, Necrosis																															
Hyperkeratosis												2																	2		
Inflammation, Chronic Active						4	4				4	4	4		4		4		4	4					4	4	4			4	
Inflammation, Pyogranulomat																	4														
Inflammation, Suppurative						4																									
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle		+																													
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression			4	4					3		2				1												2			2	
Hemorrhage															2																
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus			2	2																											
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Hydrocephalus			2	2							2																				
Peripheral Nerve		+																													
Spinal Cord		A																													
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia									1							2				2			1							1	
Artery, Mineralization																													1		
Infiltration Cellular, Histiocyte			2						1							1	2			2	2		1	1	1		3			2	
Inflammation, Chronic											1											1									
Inflammation, Chronic Active					2		2																								
Nose	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Exudate													2																		
Inflammation, Chronic Active																							2				2				
Inflammation, Suppurative							2					4		2		2															
Mucosa, Hyperkeratosis																									4						
Mucosa, Hyperplasia																									4						
Mucosa, Keratin Cyst																															
Vomeronas Org, Dilatation													3																		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative														4																	

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DAY ON TEST	485	510	534	549	569	603	610	619	623	642	646	656	681	695	719	725	737	736	747	756	756	757	757	757	757	758	758	758	762	762	761
ANIMAL ID	0055	0068	0079	0087	0107	0150	0153	0160	0167	0187	0197	0215	0255	0285	0326	0340	0362	0372	0389	0430	0431	0486	0487	0534	0535	0581	0582	0583	0635	0636	0637
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration									1													1									
Infiltration Cellular, Lymphocyte					1																										
Zymbal's Gland												+																			
Inflammation, Suppurative												4																			
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst		X					X		X		X		X			X		X			X				X		X	X	X	X	
Hydronephrosis					3														2												
Inflammation, Suppurative																															
Medulla, Cyst																							X								
Mineralization					3																										
Nephropathy	1	1	3	2	4	1	1		1		2	2	2	1	1	1	1	2	2	2	1	1	2	2	2	1	3	4	3	2	
Pelvis, Hemorrhage					3																										
Pelvis, Inflammation, Suppurative					3														4												
Polycystic Kidney																															
Renal Tubule, Hyperplasia																															
Transit Epithe, Hyperplasia									1																						
Urethra					+																										
Hemorrhage					3																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																															

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\+ ..Tissue examined microscopically
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M ..Missing tissue
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BLANK ..Not examined microscopically

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

CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	0485	0510	0534	0549	0569	0603	0610	0619	0623	0642	0646	0656	0681	0695	0719	0725	0737	0736	0747	0756	0756	0757	0757	0757	0757	0758	0758	0758	0762	0762	0761
ANIMAL ID	0055	0068	0079	0087	0107	0150	0153	0160	0167	0187	0197	0215	0225	0285	0326	0340	0362	0372	0389	0430	0431	0486	0487	0534	0535	0581	0582	0583	0635	0636	0637
Hemorrhage					3																										
Inflammation, Chronic Active																			2												
Inflammation, Suppurative					3																										
Transit Epithe, Hyperplasia					1														2												

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperkeratosis																				2	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Dilatation																				1	4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Dilatation																				1	4.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Dilatation																				1	4.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Dilatation																				1	4.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Dilatation																				1	2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Basophilic Focus					X															3	
Bile Duct, Hyperplasia																				3	1.0
Biliar Tract, Fibrosis										1						1	1	1		6	1.0
Capsule, Fibrosis																				1	1.0
Degeneration, Cystic					1		1					1								9	1.1
Eosinophilic Focus			X										X	X				X		11	
Hepatodiaphragmatic Nodule												X								2	

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Infiltration Cellular, Lymphocyte												1								1	1.0
Inflammation, Chronic Active							1											1		9	1.1
Mixed Cell Focus								X												1	
Necrosis																				2	1.5
Vacuolization Cytoplasmic					1	1		2												8	1.4
Mesentery																				1	
Fat, Necrosis																				1	4.0
Oral Mucosa	+																			5	
Keratin Cyst	X																			1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Acinar Cell, Degeneration	1	3	3	2	2	1	1	3	2	4	2	1	1	2	2	2	2	3	1	46	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinus, Degeneration									2											1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema																				1	2.0
Epithelium, Hyperplasia																	4			4	2.3
Hyperplasia, Basal Cell																				1	4.0
Inflammation, Suppurative																				1	3.0
Ulcer																				1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema																				1	2.0
Cardiovascular System																					

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrium, Dilatation																				2	2.5
Atrium, Thrombosis							4													1	4.0
Cardiomyopathy	1	2	1		1	2	2	2	2	2		1	2	2		1		2	1	40	1.7
Inflammation, Suppurative																				1	2.0
Metaplasia, Osseous							2													1	2.0
Ventricle, Dilatation							4													1	4.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Accessory Adrenal Cortical Nodule							X													2	
Angiectasis	2		2																1	4	1.8
Atrophy							3													1	3.0
Degeneration, Cystic								1										1		6	1.3
Hyperplasia																				1	1.0
Hypertrophy							3							2						4	2.0
Vacuolization Cytoplasmic										1	1			2		2		2		11	1.4
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy							3													1	3.0
Hyperplasia	1			1		1		1				1	2							12	1.1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia		1	1							1	1									10	1.0

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia						2				1				2						8	2.1
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst				X	X				X											6	
Pars Distalis, Hyperplasia					1	1						2				3		2	1	8	2.0
Pars Intermed, Cyst																				1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C Cell, Hyperplasia																				2	1.0
Cyst, Squamous						X	X			X		X					X			11	
Infiltration Cellular, Lymphocyte																				1	1.0
General Body System																					
Tissue NOS																				1	
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy																				1	2.0
Developmental Malformation				X		X			X				X		X					14	
Hemorrhage																				1	4.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy	2																			4	2.3
Hyperplasia																				1	4.0
Hypospermia	4							2												4	3.5
Infiltration Cellular, Lymphocyte							1													1	1.0

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	006 38	006 81	006 82	006 83	006 84	006 85	007 37	007 38	007 39	007 40	007 41	007 42	007 87	007 88	007 89	007 90	007 91	007 92	007 93	*TOTALS	
Penis																				1	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				6	1.7
Cyst																				1	
Duct, Dilatation		3	3		2		3	4										2	3	12	2.8
Infiltration Cellular, Lymphocyte	1			1		1				1										9	1.2
Inflammation, Chronic Active											1									2	1.5
Inflammation, Suppurative		4	3		3		2	4	1			2	1			2	3	3	2	25	2.6
Prostate, Dorsal/Lateral Lobe				+			+	+		+	+	+	+					+		50	
Cyst																				1	
Hemorrhage																				1	4.0
Inflammation, Chronic Active			1			1														4	1.5
Inflammation, Suppurative	1	2			1				2					1	1	2	1		1	34	1.6
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	4.0
Hyperplasia												2	3					4		7	2.3
Infiltration Cellular, Lymphocyte			1			1														2	1.0
Inflammation, Chronic Active				2																6	2.2
Inflammation, Suppurative																				3	2.7
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	47	
Dilatation														1						2	2.0
Fibrosis	3																			1	3.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Atrophy																				1	3.0
Dilatation																				1	3.0
Hemorrhage																				1	4.0
Lumen, Dilatation												2								5	3.2
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Granuloma Sperm																				1	2.0
Seminif Tub, Degeneration	4	1		2		1	1	4							1		1		2	23	2.0
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hypocellularity									2											1	2.0
Myeloid Cell, Hyperplasia																				6	2.2
Lymph Node	+	+		+	+	+	+	+				+	+		+	+			+	19	
Axillary, Hyperplasia, Lymphoid															2					1	2.0
Axillary, Infiltration Cellular, Plasma Cell															4					2	4.0
Inguinal, Hyperplasia, Lymphoid																2				1	2.0
Inguinal, Infiltration Cellular, Plasma Cell																4				1	4.0
Lumbar, Degeneration, Cystic		3			3	2	2	2							3				2	9	2.3
Lumbar, Hyperplasia, Lymphoid				3								2								3	2.3
Lumbar, Infiltration Cellular, Plasma Cell	4	4		3		2	2					3			3				2	9	2.9
Renal, Degeneration, Cystic																				1	3.0
Renal, Hyperplasia, Lymphoid																				1	3.0
Renal, Infiltration Cellular, Plasma Cell												3								2	2.5

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic						4	3	2							1					6	3.0
Hyperplasia, Lymphoid	2	3		3	1					1	2	2	2		2	2	2	2	2	24	2.0
Infiltration Cellular, Plasma Cell	2	3	2	4	2	3	2	2	2	1		2			2	2	2	3	2	39	2.2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic																				1	2.0
Hyperplasia, Lymphoid								2												1	2.0
Inflammation, Granulomatous						2	2				2	2	2					2		14	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Depletion Lymphoid																				2	3.0
Hematopoietic Cell Proliferation			2													1	2			16	2.2
Hyperplasia, Lymphoid		2			2		2											2		5	1.8
Infiltration Cellular, Polymorphnuclr																				1	4.0
Pigmentation			2									1	3				1			18	1.9
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	46	
Atrophy	4	4	4	4	4	4	4	4	4	4		4	4		4	4	4	3	4	42	3.9
Cyst, Squamous																				1	
Degeneration, Cystic																				1	3.0
Epithel Cell, Hyperplasia													2							2	2.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Acinus, Degeneration	2	1										4	2	3	4	4	1	1		24	2.7

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Alveolus, Hyperplasia			1																	2	2.0
Ectasia																				3	1.3
Lactation																				5	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion								X												2	
Dermis, Fibrosis										3										1	3.0
Dermis, Inflammation, Chronic Active													2							1	2.0
Dermis, Necrosis													3							1	3.0
Hyperkeratosis																				2	2.0
Inflammation, Chronic Active	4	4	4	4			4	4		4	4	4	4	4	4	4		4	4	28	4.0
Inflammation, Pyogranulomat																				1	4.0
Inflammation, Suppurative																				1	4.0
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle												+								2	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression																				7	2.6
Hemorrhage																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				2	2.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Hydrocephalus																				3	2.0
Peripheral Nerve												+								2	
Spinal Cord												A								0	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia							2													6	1.5
Artery, Mineralization						1														2	1.0
Infiltration Cellular, Histiocyte	1	1	2		1	1	3	1	1		1	1					1		1	23	1.4
Inflammation, Chronic																				2	1.0
Inflammation, Chronic Active																				2	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Exudate																				1	2.0
Inflammation, Chronic Active	2																			3	2.0
Inflammation, Suppurative																	1	1		6	2.0
Mucosa, Hyperkeratosis				2																2	3.0
Mucosa, Hyperplasia																				1	4.0
Mucosa, Keratin Cyst			X																	1	
Vomeronas Org, Dilatation																				1	3.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Suppurative																				1	4.0

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761		
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinus, Degeneration																				2	1.0
Infiltration Cellular, Lymphocyte	2		1																	3	1.3
Zymbal's Gland																				1	
Inflammation, Suppurative																				1	4.0
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cyst	X		X	X		X			X			X	X	X		X	X	X	X	25	
Hydronephrosis																				2	2.5
Inflammation, Suppurative							3													1	3.0
Medulla, Cyst																				1	
Mineralization																				1	3.0
Nephropathy	1	1	2	2	1	1	4	1	1	1	1	4	1	2	1	2	2	2	2	47	1.8
Pelvis, Hemorrhage																				1	3.0
Pelvis, Inflammation, Suppurative																				2	3.5
Polycystic Kidney							4													1	4.0
Renal Tubule, Hyperplasia							2													1	2.0
Transit Epithe, Hyperplasia																				1	1.0
Urethra																				1	
Hemorrhage																				1	3.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Dilatation												4			4					2	4.0

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CD Rat Male
F1/2PPB TO CTL

DAY ON TEST	761	762	762	762	762	761	763	762	762	762	762	762	763	762	762	762	762	762	761	
ANIMAL ID	0063 8	0068 1	0068 2	0068 3	0068 4	0068 5	0073 7	0073 8	0073 9	0074 0	0074 1	0074 2	0078 7	0078 8	0078 9	0079 0	0079 1	0079 2	0079 3	*TOTALS
Hemorrhage																				1 3.0
Inflammation, Chronic Active																				1 2.0
Inflammation, Suppurative																				1 3.0
Transit Epithe, Hyperplasia																				2 1.5

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	021 9	024 1	038 6	045 4	051 2	051 1	057 6	065 9	066 9	067 7	072 5	073 0	072 9	073 6	074 3	074 6	074 6	075 6	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 8
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Alimentary System																															
Esophagus	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	A	A	+	A	+	+	+	+	+	A	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																	2														
Inflammation, Chronic Active					2																										
Inflammation, Suppurative							4																								
Intestine Large, Colon	+	+	A	A	+	A	A	+	+	+	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	A	A	+	A	A	+	+	+	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	A	A	+	A	A	+	+	+	+	A	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	A	A	+	A	A	+	+	+	A	A	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	A	+	A	A	+	+	+	A	A	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active					2																										
Liver	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus									X	X		X		X	X													X	X	X	
Bile Duct, Hyperplasia								2				2				1		1		2											
Biliar Tract, Fibrosis																			1												
Degeneration, Cystic								2		2		1				2										1		1			
Eosinophilic Focus													X																		
Hematopoietic Cell Proliferation									1																					1	
Hepatodiaphragmatic Nodule											X										X										
Infiltration Cellular, Lymphocyte																												1			
Inflammation, Chronic Active					1													1		1		1		1		1				2	

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CD Rat Male
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DAY ON TEST	021 9	024 1	038 6	045 4	051 2	051 1	057 6	065 9	066 9	067 7	072 5	073 0	072 9	073 6	074 3	074 6	074 6	075 6	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 8
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Inflammation, Suppurative				4																											
Necrosis				4	1													1													
Tension Lipidosis																		4													
Vacuolization Cytoplasmic								2							1		2		2		1	2	1	1	1		1		2		
Mesentery										+																					
Fat, Necrosis																															
Oral Mucosa								+																							
Gingival, Inflammation, Chronic Active								2																							
Pancreas	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		2					2		1		2	2	4		2		1	3	2	2	2	1	4	2	1		2	3	1	4	4
Salivary Glands	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema															4																
Epithelium, Hyperplasia																												2			
Inflammation, Suppurative															2																
Ulcer															3																
Stomach, Glandular	+	+	A	A	+	A	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium, Dilatation														2																	
Cardiomyopathy			2	2	1		3	2		2	1	1	2	2	1	1	2	2	1	2		1	2	1	1	1	2	1	2	2	3

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CD Rat Male
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DAY ON TEST	021 9	024 1	038 6	045 4	051 2	051 1	057 6	065 9	066 9	067 7	072 5	073 0	072 9	073 6	074 3	074 6	074 6	075 6	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 8
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Endocardium, Hyperplasia																		3													
Ventricle, Dilatation																															
Endocrine System																															
Adrenal Cortex	+	+	+	A	+	A	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule															X														X		
Angiectasis					2													2						2							
Degeneration, Cystic																															
Hyperplasia																													1		1
Hypertrophy																												1			
Vacuolization Cytoplasmic								1	2	1										2	2							1	1		2
Adrenal Medulla	+	+	+	A	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																															
Hyperplasia					2				1	4								2					3						1	1	2
Islets, Pancreatic	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1															2								1	1			1		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	M	+	+	+
Hyperplasia												1							1												2
Pituitary Gland	+	+	+	M	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst	X																														
Pars Distalis, Hyperplasia													1										2				3	2			
Pars Intermed, Cyst																												X			
Thyroid Gland	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1/10PPB TO CTL

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ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
C Cell, Hyperplasia																					1	1		1	1					1	
Cyst, Squamous		X					X	X		X				X							X			X				X			
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Developmental Malformation					X							X																X	X	X	
Inflammation, Chronic Active																															
Inflammation, Suppurative							4				3																				
Ductus Deferens						+																									
Inflammation, Suppurative						4																									
Epididymis	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy								2														2			2					2	
Hypospermia								4														4			4					4	
Infiltration Cellular, Lymphocyte					1																										
Penis														+																	
Dilatation														3																	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess													4																		
Atrophy																3								3							
Duct, Dilatation		3							3				4		3		2	4	4						1			2		1	
Infiltration Cellular, Lymphocyte					1																			2						1	

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CD Rat Male F1/10PPB TO CTL																															
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Inflammation, Suppurative				2		3		3	4	4	3	1		2	3		2	4	3						2	2	3	2	1		
Prostate, Dorsal/Lateral Lobe	+	+		A																										+	
Infiltration Cellular, Lymphocyte					1																										
Inflammation, Chronic Active																											1				
Inflammation, Suppurative			1				4	3	1	3	3	3	2	2	2	3	3	1	3	3	2	2	1	3	2	2		2	2		1
Prostate, Ventral Lobe	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																				1			2	2		3					
Infiltration Cellular, Lymphocyte																			1								1				
Inflammation, Chronic Active																										3					
Inflammation, Suppurative							4				3					1													1		
Rete Testes	+	+	+	A	+	A	+	+	+	+	+	+	M	M	+	+	M	+	M	+	+	+	+	+	M	+	+	+	+	+	+
Dilatation									1																					2	
Fibrosis								1																						2	
Seminal Vesicle	+	+	A	A	+	+	+	+	+	+	+	A	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																										1					
Inflammation, Suppurative							4																								
Lumen, Dilatation																								2			4				
Testes	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminif Tub, Degeneration		1			2		1	4	2		1			1	1		1	3		1	1	4		3	4			2	1	4	
Hematopoietic System																															
Bone Marrow	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																		2													

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F1/10PPB TO CTL

DAY ON TEST	021	021	038	045	051	051	057	065	066	067	072	073	072	073	074	074	074	075	075	075	075	075	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Myeloid Cell, Hyperplasia					2				2		2																				4
Lymph Node	+				+						+															+		+			
Axillary, Infiltration Cellular, Plasma Cell					4																										
Hemal, Degeneration, Cystic					4																										
Hemal, Inflammation, Chronic Active					3																										
Hemal, Necrosis					2																										
Inguinal, Hyperplasia, Lymphoid																															
Inguinal, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic											2															4		4			
Lumbar, Hyperplasia, Lymphoid											3															2		3			
Lumbar, Infiltration Cellular, Plasma Cell											3															3		4			
Mediastinal, Infiltration Cellular, Plasma Cell											2																				
Renal, Degeneration, Cystic											4																				
Renal, Hyperplasia, Lymphoid																															
Renal, Infiltration Cellular, Plasma Cell											4																				
Lymph Node, Mandibular	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic								2												2								3	3		
Hyperplasia, Lymphoid									3	2				3		1	2	2	2			1	1	2	2	3	2		2	2	2
Infiltration Cellular, Plasma Cell				3	3			2	3	3	2		2	3		3	2	3	2	2		2		3		3	2	2	4		2
Lymph Node, Mesenteric	+	+	A	A	+	A	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic					4																										
Hyperplasia, Lymphoid																															
Infiltration Cellular, Mast Cell																															

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ANIMAL ID	0000 7	0001 3	0003 2	0004 6	0006 9	0007 0	0011 3	0021 7	0023 4	0025 1	0033 6	0034 7	0034 8	0036 5	0038 0	0038 4	0039 5	0043 7	0043 8	0043 9	0044 0	0049 1	0049 2	0049 3	0049 4	0049 5	0053 8	0053 9	0054 0	0054 1	0058 8
Infiltration Cellular, Plasma Cell																			2												
Inflammation, Granulomatous									1						1		2			2		2			2						2
Spleen	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation					3				2	4				2						2		1	3		2	2					2
Hyperplasia, Stromal																															
Infiltration Cellular, Polymorphnuclr					2																										
Necrosis					2																										
Pigmentation							3	4	1		2			2	3			2		2	2			2	2		2				
Thymus	+	+	A	A	M	A	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	I	M	+
Atrophy		4							3	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4		4	4			4
Epithel Cell, Hyperplasia																				2											
Integumentary System																															
Mammary Gland	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration							2			3			2								4		1		3	2				3	
Alveolus, Hyperplasia																		3											1		
Atypical Focus																															
Duct, Hyperplasia																			2												
Ectasia								2			2	2		1	1	3	1					1		2							
Lactation								3			2	2		2	2	3	2					3		3							
Skin	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess											4																				
Cyst Epithelial Inclusion									X																			X			

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	021 9	024 1	038 6	045 4	051 2	051 1	057 6	065 9	066 9	067 7	072 5	073 0	072 9	073 6	074 3	074 6	074 6	075 6	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 8
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Dermis, Inflammation, Chronic Active																						2									
Epidermis, Hyperplasia																															
Hair Follicle, Hemorrhage																									2						
Hyperkeratosis	2																														
Inflammation, Chronic Active					4				4	4	4	4				4	4		4	4		4	4			4		4	2		4
Inflammation, Suppurative									4																						
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression								3			2	4		2	3	2	2														
Gliosis														1																	
Hemorrhage											2			1		1															
Brain, Cerebellum	+	+	+	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus								1							2		1														
Respiratory System																															
Lung	+	+	A	A	+	A	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia								2																1					2	2	
Artery, Mineralization																			1												
Infiltration Cellular, Histiocyte		2					2	2		1					2							3		2					2	2	1

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

CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	019	041	086	054	012	011	076	059	069	077	025	030	029	036	043	046	046	056	056	056	056	057	057	057	057	057	057	057	057	057	058
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Inflammation, Chronic Active					2																										
Metaplasia, Osseous																			1												
Thrombosis							4																								
Nose	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active					2				2								1														
Inflammation, Suppurative														1																	
Mucosa, Hyperkeratosis																														4	
Mucosa, Hyperplasia																														4	
Mucosa, Keratin Cyst													X																		
Trachea	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	A	A	+	A	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Retina, Degeneration																									3						
Harderian Gland	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																															2
Lacrimal Gland							+																								
Ectopic Harderian							X																								
Urinary System																															
Kidney	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst		X								X			X	X			X	X	X		X		X	X	X		X	X	X	X	
Hydronephrosis						4				4																					
Inflammation, Suppurative						3																									

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	021 9	024 1	038 6	045 4	051 2	051 1	057 6	065 9	066 9	067 7	072 5	073 0	072 9	073 6	074 3	074 6	074 6	075 6	075 6	075 6	075 6	075 6	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 7	075 8
ANIMAL ID	0007	0013	0032	0046	0069	0070	0113	0217	0234	0251	0336	0347	0348	0365	0380	0384	0395	0437	0438	0439	0440	0491	0492	0493	0494	0495	0538	0539	0540	0541	0588
Nephropathy					1			1	2	4	2	2	2	4	1	1	4	1	1	1	2	1	3	1	1	1	3	4	3	3	1
Urethra																				+								+			
Urinary Bladder	+	A	A	A	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation												4		3			4														
Hemorrhage							4																								
Inflammation, Suppurative							3																								

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	758	758	758	758	758	761	761	761	761	762	762	762	762	763	762	762	763	763	763		
ANIMAL ID	0058 9	0059 0	0059 1	0059 2	0059 3	0064 4	0064 5	0064 6	0064 7	0069 1	0069 2	0069 3	0069 4	0074 6	0074 7	0074 8	0079 7	0079 8	0079 9	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Hyperplasia, Lymphoid																				1	2.0
Inflammation, Chronic Active																				1	2.0
Inflammation, Suppurative																				1	4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41	
Inflammation, Chronic Active																				1	2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Basophilic Focus		X		X								X								11	
Bile Duct, Hyperplasia											1							1		7	1.4
Biliar Tract, Fibrosis			1																	2	1.0
Degeneration, Cystic		1			1							1					1			10	1.3
Eosinophilic Focus		X	X											X	X					5	
Hematopoietic Cell Proliferation							1					1					1			5	1.0
Hepatodiaphragmatic Nodule																				2	
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation, Chronic Active																				7	1.1

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0059	0059	0059	0059	0064	0064	0064	0064	0069	0069	0069	0069	0074	0074	0074	0079	0079	0079	*TOTALS	
Inflammation, Suppurative																				1	4.0
Necrosis																				3	2.0
Tension Lipidosis																				1	4.0
Vacuolization Cytoplasmic		1	2				1	1				2								16	1.4
Mesentery		+																		2	
Fat, Necrosis		4																		1	4.0
Oral Mucosa																				1	
Gingival, Inflammation, Chronic Active																				1	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Acinar Cell, Degeneration	2	3	2	2	3	3	3	2	3	2		2	2	3	3	4	1	1	3	39	2.3
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Edema																				1	4.0
Epithelium, Hyperplasia																				1	2.0
Inflammation, Suppurative																				1	2.0
Ulcer																				1	3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Atrium, Dilatation																				1	2.0
Cardiomyopathy	1	2		2	1	1	2	2	1		1	2	1		1		1	2	2	41	1.6

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0059	0059	0059	0059	0064	0064	0064	0064	0069	0069	0069	0069	0074	0074	0074	0079	0079	0079	*TOTALS	
Endocardium, Hyperplasia																				1	3.0
Ventricle, Dilatation					4															1	4.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Accessory Adrenal Cortical Nodule																				2	
Angiectasis				2																4	2.0
Degeneration, Cystic			1	1	1							4								4	1.8
Hyperplasia		2				2														4	1.5
Hypertrophy													1							2	1.0
Vacuolization Cytoplasmic		1	1		1								2	1	1				1	15	1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	45	
Cyst	X																			1	
Hyperplasia	4						1	1					2		2	1		4	1	16	2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperplasia		1							1				3	1		1				10	1.3
Parathyroid Gland	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	M	+	+	44	
Hyperplasia			2	4							1								2	7	1.9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia			2				1	1					2					3		9	1.9
Pars Intermed, Cyst																				1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	758	758	758	758	758	761	761	761	761	762	762	762	762	763	762	762	763	763	763		
ANIMAL ID	0058 9	0059 0	0059 1	0059 2	0059 3	0064 4	0064 5	0064 6	0064 7	0069 1	0069 2	0069 3	0069 4	0074 6	0074 7	0074 8	0079 7	0079 8	0079 9	*TOTALS	
C Cell, Hyperplasia				1		3														7	1.3
Cyst, Squamous		X													X			X		11	
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Developmental Malformation			X		X			X												8	
Inflammation, Chronic Active					3															1	3.0
Inflammation, Suppurative																				2	3.5
Ductus Deferens																				1	
Inflammation, Suppurative																				1	4.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy																				4	2.0
Hypospermia																				4	4.0
Infiltration Cellular, Lymphocyte																				1	1.0
Penis																				1	
Dilatation																				1	3.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																				1	4.0
Atrophy												2								3	2.7
Duct, Dilatation		4				2		1		1								1	2	16	2.4
Infiltration Cellular, Lymphocyte	1	2					1						1		1		1			9	1.2

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0059	0059	0059	0059	0064	0064	0064	0064	0069	0069	0069	0069	0074	0074	0074	0079	0079	0079	*TOTALS	
Inflammation, Suppurative			2	2	2	2		2	2	3				1		2		3	2	28	2.4
Prostate, Dorsal/Lateral Lobe			+			+									+			+		49	
Infiltration Cellular, Lymphocyte													2							2	1.5
Inflammation, Chronic Active					4															2	2.5
Inflammation, Suppurative	2	2		2			2	1	2	2	2	2		2		2	2		1	37	2.1
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia		2																		5	2.0
Infiltration Cellular, Lymphocyte									1								1			4	1.0
Inflammation, Chronic Active					4			1											1	4	2.3
Inflammation, Suppurative											1									5	2.0
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Dilatation																				2	1.5
Fibrosis																				2	1.5
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Atrophy																				1	1.0
Inflammation, Suppurative																				1	4.0
Lumen, Dilatation				3					4		4									5	3.4
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Seminif Tub, Degeneration		2		1		1	1				4		1	4	4	1		1	4	29	2.1
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hypocellularity																				1	2.0

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0059	0059	0059	0059	0064	0064	0064	0064	0069	0069	0069	0069	0069	0074	0074	0074	0079	0079	0079	*TOTALS	
Myeloid Cell, Hyperplasia		2	2				1														7	2.1
Lymph Node		+	+		+			+				+	+	+	+			+		14		
Axillary, Infiltration Cellular, Plasma Cell																					1	4.0
Hemal, Degeneration, Cystic																					1	4.0
Hemal, Inflammation, Chronic Active																					1	3.0
Hemal, Necrosis																					1	2.0
Inguinal, Hyperplasia, Lymphoid															3						1	3.0
Inguinal, Infiltration Cellular, Plasma Cell															4						1	4.0
Lumbar, Degeneration, Cystic			3		4							4	2		2						8	3.1
Lumbar, Hyperplasia, Lymphoid														3	3			2			6	2.7
Lumbar, Infiltration Cellular, Plasma Cell			3		4			4					3	2	4			4			10	3.4
Mediastinal, Infiltration Cellular, Plasma Cell																					1	2.0
Renal, Degeneration, Cystic		4													2						3	3.3
Renal, Hyperplasia, Lymphoid															2						1	2.0
Renal, Infiltration Cellular, Plasma Cell		3													3						3	3.3
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Degeneration, Cystic																					4	2.5
Hyperplasia, Lymphoid				2	3	2	2				3		2	1	2			2	1		26	2.0
Infiltration Cellular, Plasma Cell	3			3	4	3	2			3	3		2		4	2		2	2		32	2.6
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44		
Degeneration, Cystic																					1	4.0
Hyperplasia, Lymphoid			2				2		2		2		2								5	2.0
Infiltration Cellular, Mast Cell														3							1	3.0

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0059	0059	0059	0059	0064	0064	0064	0064	0069	0069	0069	0069	0074	0074	0074	0079	0079	0079	*TOTALS	
Infiltration Cellular, Plasma Cell																				1	2.0
Inflammation, Granulomatous	2		2												2					10	1.8
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hematopoietic Cell Proliferation	2	2	1					1			1	2	1	1	1					19	1.8
Hyperplasia, Stromal												4								1	4.0
Infiltration Cellular, Polymorphnuclr																				1	2.0
Necrosis																				1	2.0
Pigmentation				2						2	2				1	2	1			18	2.1
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Atrophy	4		4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	3	39	3.9
Epithel Cell, Hyperplasia										1										2	1.5
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Acinus, Degeneration	2	4						2	1			4	3	1		1			2	17	2.4
Alveolus, Hyperplasia				2			1								1			4		6	2.0
Atypical Focus					X															1	
Duct, Hyperplasia																				1	2.0
Ectasia				2	3					1										12	1.8
Lactation	1			3	3					3	2									14	2.4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Abscess																				1	4.0
Cyst Epithelial Inclusion																				2	

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X ..Lesion present
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M ..Missing tissue
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	0058	0059	0059	0059	0059	0064	0064	0064	0064	0069	0069	0069	0069	0074	0074	0074	0079	0079	0079	*TOTALS	
Dermis, Inflammation, Chronic Active															2					2	2.0
Epidermis, Hyperplasia															2					1	2.0
Hair Follicle, Hemorrhage																				1	2.0
Hyperkeratosis																				1	2.0
Inflammation, Chronic Active	4	4	4	4	4			4	4	4	4			4	4	4		4		28	3.9
Inflammation, Suppurative																				1	4.0
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Compression	2			3	2															10	2.5
Gliosis																				1	1.0
Hemorrhage																				3	1.3
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hydrocephalus				2																4	1.5
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Alveolar Epith, Hyperplasia			4		1					1		1			1					9	1.7
Artery, Mineralization	1			1																3	1.0
Infiltration Cellular, Histiocyte	1		2		1					2		1			1			1		17	1.6

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	758	758	758	758	758	761	761	761	761	762	762	762	762	763	762	762	763	763	763		
ANIMAL ID	0058 9	0059 0	0059 1	0059 2	0059 3	0064 4	0064 5	0064 6	0064 7	0069 1	0069 2	0069 3	0069 4	0074 6	0074 7	0074 8	0079 7	0079 8	0079 9	*TOTALS	
Inflammation, Chronic Active																				1	2.0
Metaplasia, Osseous																		1		2	1.0
Thrombosis																				1	4.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Inflammation, Chronic Active																				3	1.7
Inflammation, Suppurative	2																			2	1.5
Mucosa, Hyperkeratosis																				1	4.0
Mucosa, Hyperplasia																				1	4.0
Mucosa, Keratin Cyst																				1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Retina, Degeneration																				1	3.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Infiltration Cellular, Lymphocyte																				1	2.0
Lacrimal Gland																				1	
Ectopic Harderian																				1	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Cyst	X	X	X	X				X		X			X		X	X				24	
Hydronephrosis																				2	4.0
Inflammation, Suppurative																				1	3.0

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CD Rat Male
F1/10PPB TO CTL

DAY ON TEST	075 8	075 8	075 8	075 8	075 8	076 1	076 1	076 1	076 1	076 2	076 2	076 2	076 2	076 3	076 2	076 2	076 3	076 3	076 3		
ANIMAL ID	0058 9	0059 0	0059 1	0059 2	0059 3	0064 4	0064 5	0064 6	0064 7	0069 1	0069 2	0069 3	0069 4	0074 6	0074 7	0074 8	0079 7	0079 8	0079 9	*TOTALS	
Nephropathy	2	2	2	2	2	1	2	1	2	3	2	2	3	1	4	2	2	2	2	44	2.0
Urethra					+									+				+		5	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Dilatation																				3	3.7
Hemorrhage																				1	4.0
Inflammation, Suppurative																				1	3.0

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	469	556	573	594	601	601	619	646	646	654	675	715	738	738	746	750	752	756	756	756	756	757	757	757	757	757	757	757	757	757	757	758
ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	+	+	+	+	+	+	A	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																																
Intestine Large, Rectum	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	+	+	+	+	+	A	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																																
Basophilic Focus						X									X													X			X
Bile Duct, Hyperplasia																									1							
Cyst																																
Degeneration, Cystic													1							2	1			1				2		1		
Eosinophilic Focus															X				X	X	X			X								
Hematopoietic Cell Proliferation	1																					1										
Hepatodiaphragmatic Nodule																							X									
Infiltration Cellular, Lymphocyte																										1						
Inflammation, Chronic Active		1					1	1				2							1				1									
Necrosis		1																														
Tension Lipidosis															3		1															

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	469	556	573	594	601	601	619	646	646	654	675	715	738	738	746	750	752	756	756	756	756	757	757	757	757	757	757	757	757	757	757	757	758
ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Vacuolization Cytoplasmic										2					2		1			2				1				2		2	
Oral Mucosa	+									+		+				+															
Keratin Cyst																															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration	2	2	2	2		1	1	2	2	2	3	3		3	2		1	2	3	2	2	4	3	2	3	2	2	3	3	1	
Polyarteritis																1															
Salivary Glands	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia										2									3												
Stomach, Glandular	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue										+																					
Inflammation, Chronic Active										2																					
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium, Dilatation															4		3														
Cardiomyopathy		2	2	2	1	2	2		2		1	1	1	1	3			1	2	2	1		1	1	2	2		2	1	1	1
Metaplasia, Osseous															2																
Ventricle, Dilatation																															
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis			2																									2			

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	469	556	573	594	601	601	619	646	646	654	675	715	738	738	746	750	752	756	756	756	756	757	757	757	757	757	757	757	757	757	758
ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Atrophy								4																							
Degeneration, Cystic				1					2							2	1												2		
Hyperplasia							2				1		1								2			1			2				
Hypertrophy												2					2														
Vacuolization Cytoplasmic		2								2		2		2							1	1		1						1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia							3								1				1												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																		1						1					1	1	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																															
Hyperplasia																							2				2				
Pituitary Gland	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																											X				
Pars Distalis, Hyperplasia							2					3						2		3					2	1		1			
Pars Intermed, Cyst												X																			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia							2										1											2			
Cyst, Squamous				X	X																		X	X		X		X			

General Body System

NONE

Genital System

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Coagulating Gland	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							1			3																					
Developmental Malformation		X						X									X					X			X		X				
Inflammation, Suppurative																															
Lumen, Dilatation																					3							3			
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy								3									2												1		
Hypospermia								4									3												3		
Polyarteritis																															
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Atrophy								4		3											3										
Duct, Dilatation									3	2			2			4	2		2				1		3	2					
Infiltration Cellular, Lymphocyte			1			2								2								1		2					2		
Inflammation, Chronic Active															2																
Inflammation, Suppurative		2					2		2	3	2		4			3	3		3	2			2		3	2		1		3	
Keratin Cyst										X																	X				
Polyarteritis																															
Prostate, Dorsal/Lateral Lobe	+	+	+	+	+	+	+	+	+	+				+				+	+	+							+		+		+
Atrophy								3																							
Degeneration						2																									
Inflammation, Chronic Active								1																						4	
Inflammation, Suppurative	2	4	1	1	1	2	1		2		2	2	1		2	2	3				1	1	2	1	1	1		1			

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CD Rat Male
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ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																							1								
Infiltration Cellular, Lymphocyte						1																						1			
Inflammation, Chronic Active								3							1															4	
Inflammation, Suppurative		4										1									1										
Rete Testes	M	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation		1																	1										1		
Seminal Vesicle	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							2	3		3							3														
Epithelium, Hyperplasia																														4	
Inflammation, Suppurative								2																						4	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																															
Seminif Tub, Degeneration	1	1	1	1	1			4				1	1				1								1	1			4		1
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia	4																														
Myeloid Cell, Hyperplasia		2								2		3			2																
Lymph Node												+		+	+	+							+		+					+	
Axillary, Hyperplasia, Lymphoid																															
Axillary, Infiltration Cellular, Plasma Cell																															
Inguinal, Degeneration, Cystic																															

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Inguinal, Hyperplasia, Lymphoid																															
Lumbar, Degeneration, Cystic														4	3	4							2		3					3	
Lumbar, Hyperplasia, Lymphoid																							2							3	
Lumbar, Infiltration Cellular, Plasma Cell														4									3		4					2	
Mediastinal, Degeneration, Cystic															1																
Mediastinal, Infiltration Cellular, Histiocyte														3																	
Pancreatic, Hyperplasia, Lymphoid																															
Popliteal, Infiltration Cellular, Plasma Cell																															
Renal, Degeneration, Cystic														3																	
Renal, Infiltration Cellular, Plasma Cell														2																	
Thoracic, Infiltration Cellular, Plasma Cell																														3	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic								2			1	2		1	2					1	3					3	2				
Hyperplasia, Lymphoid		2		2				2				3				3		3	3	2		2		2	2	3	2	3	2	2	2
Infiltration Cellular, Plasma Cell		3		2		2				2	2	3	3	1		3	2	2	3	2					2				2	2	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																							3								
Hyperplasia, Lymphoid																		2				2				2				2	2
Inflammation, Granulomatous							2			1		3										2									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid								3			3																				
Hematopoietic Cell Proliferation	4				2		2			1			2	4	2			1				1	1	2						1	
Hyperplasia, Lymphoid																												2			

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CD Rat Male
F1/50PPB TO CTL

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ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Infiltration Cellular, Polymorphnuclr																															
Pigmentation		1	3							2			1			3		2													
Thymus	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	4	4	4	3		4	4	4		4	4	4	4	4	4		4	4	4	4	4	4	4	4	4	4	4	3	4	4	4
Epithel Cell, Hyperplasia																								2							
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration				2	1		3					1															3				
Alveolus, Hyperplasia		4																		2	1	2	1	2	2	1		3	2		
Atypical Focus																															
Duct, Dilatation																															
Duct, Hyperplasia																														3	
Ectasia		3				2					1																				
Fibrosis																															
Lactation		4	2			2					2					1	1														
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess				4																											
Cyst Epithelial Inclusion			X																	X									X		
Inflammation, Chronic Active					4	4		4		4		4		4		4	4		4			4	4		4		4			4	4
Inflammation, Suppurative										4																					
Keratin Cyst										X																					
Musculoskeletal System																															

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

CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	469	556	573	594	601	601	619	646	646	654	675	715	738	738	746	750	752	756	756	756	756	757	757	757	757	757	757	757	757	757	757	758
ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Bone												+																			
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle															+																
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression		3	4			3					3					4	3														
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gliosis												1																			
Hemorrhage												1																			
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus			1								2					2	2														
Meninges, Hyperplasia																															
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																2												1			
Artery, Mineralization																															1
Hemorrhage																															
Infiltration Cellular, Histiocyte												1				2	1					1				1		2	1		
Inflammation, Chronic Active																															
Metaplasia, Osseous			1																												
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative	2							3				3				2															

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	469	556	573	594	601	601	619	646	646	654	675	715	738	738	746	750	752	756	756	756	756	757	757	757	757	757	757	757	757	757	757	758
ANIMAL ID	0050	0092	0110	0131	0147	0148	0162	0192	0201	0206	0243	0317	0364	0371	0388	0400	0404	0446	0447	0448	0449	0501	0502	0503	0504	0547	0548	0549	0550	0551	0598
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract										X																					
Inflammation, Chronic Active										3																					
Retina, Degeneration												4																			
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration		2	2											2																	
Infiltration Cellular, Lymphocyte		1		1																											
Polyarteritis																															
Lacrimal Gland													+																		
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst		X		X	X							X	X	X		X		X				X	X	X				X			
Mineralization																										1		1	1		
Nephropathy		2	3	1	3	2	4			2	3	2	1		1	2	2	2	2	2	1	3	1	4	2	1	1	2	2	2	1
Pelvis, Inflammation, Suppurative																														2	
Renal Tubule, Hyperplasia																												1			
Transit Epithe, Hyperplasia																														2	
Urethra																		+													
Urinary Bladder	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	758	758	758	758	761	761	761	761	761	762	762	762	762	762	763	762	762	762	756		
ANIMAL ID	0059 9	0060 0	0060 1	0060 2	0065 2	0065 3	0065 4	0065 5	0065 6	0070 0	0070 1	0070 2	0070 3	0070 4	0075 1	0075 2	0075 3	0075 4	0080 2	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Polyarteritis													2							1	2.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis								1												1	1.0
Basophilic Focus						X						X								6	
Bile Duct, Hyperplasia					1		1				1									4	1.0
Cyst						X											X			2	
Degeneration, Cystic						1			2			1	2							10	1.4
Eosinophilic Focus								X				X	X	X		X				10	
Hematopoietic Cell Proliferation																				2	1.0
Hepatodiaphragmatic Nodule									X							X				3	
Infiltration Cellular, Lymphocyte																		1		2	1.0
Inflammation, Chronic Active		1	1		1	1			1	1										12	1.1
Necrosis																				1	1.0
Tension Lipidosis																				2	2.0

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	758	758	758	758	761	761	761	761	761	762	762	762	762	762	763	762	762	762	756		
ANIMAL ID	0059 9	0060 0	0060 1	0060 2	0065 2	0065 3	0065 4	0065 5	0065 6	0070 0	0070 1	0070 2	0070 3	0070 4	0075 1	0075 2	0075 3	0075 4	0080 2	*TOTALS	
Vacuolization Cytoplasmic				2				1		2					1	1				12	1.6
Oral Mucosa									+										+	6	
Keratin Cyst									X											1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration	1	2	2	1	4	2	1	2	4	2	1	1	2	2	1	2	1	2	4	46	2.1
Polyarteritis																				1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Epithelium, Hyperplasia																				2	2.5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Tongue																				1	
Inflammation, Chronic Active																				1	2.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrium, Dilatation																				2	3.5
Cardiomyopathy	2	2	1	1	2	1			1	2	2	1	2	2	2	2	1	2	1	41	1.6
Metaplasia, Osseous																				1	2.0
Ventricle, Dilatation										3										1	3.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				2	2.0

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1) Minimal 3) Moderate
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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	075		
ANIMAL ID	059	060	061	062	065	063	064	065	066	070	071	072	073	074	075	076	075	074	082	*TOTALS	
Atrophy																				1	4.0
Degeneration, Cystic																		2		6	1.7
Hyperplasia	2		1		2					2	2				2			1	1	14	1.6
Hypertrophy			2								2			2		1				6	1.8
Vacuolization Cytoplasmic	1				1		1				1				2	1			1	15	1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia	2		1		1														1	7	1.4
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia		1							1				1							7	1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Hyperplasia				2																1	2.0
Hyperplasia			1			2				2							2			6	1.8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia											2			2		2				10	2.0
Pars Intermed, Cyst																				1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia							1	1					2	2						7	1.6
Cyst, Squamous												X				X				8	

General Body System

NONE

Genital System

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1-4 ..Lesion qualified as:
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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	758	758	758	758	761	761	761	761	761	762	762	762	762	762	763	762	762	762	756		
ANIMAL ID	0059 9	0060 0	0060 1	0060 2	0065 2	0065 3	0065 4	0065 5	0065 6	0070 0	0070 1	0070 2	0070 3	0070 4	0075 1	0075 2	0075 3	0075 4	0080 2	*TOTALS	
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Atrophy																				2	2.0
Developmental Malformation				X						X										8	
Inflammation, Suppurative				1																1	1.0
Lumen, Dilatation				2																3	2.7
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy					2			2	2	3	2									8	2.1
Hypospermia					4			4	4	4	4									8	3.8
Polyarteritis													2							1	2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																			4	1	4.0
Atrophy	2								3	2										6	2.8
Duct, Dilatation							2								2		1			12	2.2
Infiltration Cellular, Lymphocyte									1	2										8	1.6
Inflammation, Chronic Active				4				1												3	2.3
Inflammation, Suppurative		2					4					2		1	4	3	2	1		23	2.4
Keratin Cyst																				2	
Polyarteritis													2							1	2.0
Prostate, Dorsal/Lateral Lobe		+	+				+							+						50	
Atrophy																				1	3.0
Degeneration																				1	2.0
Inflammation, Chronic Active																	2			3	2.3
Inflammation, Suppurative	2			3	2	2		1	1	1	2	2	2		3	1		3	2	35	1.7

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	758	758	758	758	761	761	761	761	761	762	762	762	762	762	763	762	762	762	756		
ANIMAL ID	0059	0060	0061	0062	0065	0065	0065	0065	0065	0070	0070	0070	0070	0070	0075	0075	0075	0075	0080	*TOTALS	
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia					2	1														3	1.3
Infiltration Cellular, Lymphocyte																				2	1.0
Inflammation, Chronic Active		2																		4	2.5
Inflammation, Suppurative																				3	2.0
Rete Testes	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	46	
Dilatation													2			1				5	1.2
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Atrophy		1																		5	2.4
Epithelium, Hyperplasia																				1	4.0
Inflammation, Suppurative																				2	3.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Polyarteritis													2							1	2.0
Seminif Tub, Degeneration			1	1	4			4	4	4	4		3		1	1				23	2.0
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Erythroid Cell, Hyperplasia																				1	4.0
Myeloid Cell, Hyperplasia	2		3	2																7	2.3
Lymph Node	+		+	+	+	+	+			+	+	+					+	+	+	19	
Axillary, Hyperplasia, Lymphoid	4					4														2	4.0
Axillary, Infiltration Cellular, Plasma Cell	4					2														2	3.0
Inguinal, Degeneration, Cystic																	4			1	4.0

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	075		
ANIMAL ID	059	060	061	062	065	063	064	065	066	070	071	072	073	074	075	075	075	075	080		*TOTALS	
Inguinal, Hyperplasia, Lymphoid	3																				1	3.0
Lumbar, Degeneration, Cystic	4		4		4	2	4			3	3	1					4	2	2		17	3.1
Lumbar, Hyperplasia, Lymphoid						3					3										4	2.8
Lumbar, Infiltration Cellular, Plasma Cell				2		3					4	2						3			9	3.0
Mediastinal, Degeneration, Cystic																					1	1.0
Mediastinal, Infiltration Cellular, Histiocyte																					1	3.0
Pancreatic, Hyperplasia, Lymphoid												2									1	2.0
Popliteal, Infiltration Cellular, Plasma Cell												4									1	4.0
Renal, Degeneration, Cystic	4									4							4				4	3.8
Renal, Infiltration Cellular, Plasma Cell										4											2	3.0
Thoracic, Infiltration Cellular, Plasma Cell																					1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration, Cystic			2			3					1	2	2				2				15	1.9
Hyperplasia, Lymphoid		2	2	2		2	2	2	3				2			2	2	2	2		29	2.2
Infiltration Cellular, Plasma Cell	2	2	2	2	2	2	2		3	2	2	3	2		2	1	2	2	2		33	2.2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Degeneration, Cystic																			3		2	3.0
Hyperplasia, Lymphoid	2			2															2		8	2.0
Inflammation, Granulomatous								1	2	3											7	2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Depletion Lymphoid																					2	3.0
Hematopoietic Cell Proliferation	1		3		2					1		2	1	1	2				1		21	1.8
Hyperplasia, Lymphoid					2																2	2.0

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CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	758	758	758	758	761	761	761	761	761	762	762	762	762	762	763	762	762	762	756		
ANIMAL ID	0059 9	0060 0	0060 1	0060 2	0065 2	0065 3	0065 4	0065 5	0065 6	0070 0	0070 1	0070 2	0070 3	0070 4	0075 1	0075 2	0075 3	0075 4	0080 2	*TOTALS	
Infiltration Cellular, Polymorphnuclr			2																	1	2.0
Pigmentation	1	2		1					1				2	2	2	2		2	4	16	1.9
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy	3	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	47	3.9
Epithel Cell, Hyperplasia																				1	2.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinus, Degeneration									2	3		2				1	3		2	11	2.1
Alveolus, Hyperplasia	1		1	2		2														14	1.9
Atypical Focus															X					1	
Duct, Dilatation				4																1	4.0
Duct, Hyperplasia		1			2															3	2.0
Ectasia															1					4	1.8
Fibrosis												4								1	4.0
Lactation				3											2			1		9	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																				1	4.0
Cyst Epithelial Inclusion															X					4	
Inflammation, Chronic Active	4	4	4	4	4	4	4		4	4	4	4			4		4	4		29	4.0
Inflammation, Suppurative																				1	4.0
Keratin Cyst																				1	
Musculoskeletal System																					

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X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
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BLANK ..Not examined microscopically

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

CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	758	758	758	758	761	761	761	761	761	762	762	762	762	762	763	762	762	762	756		
ANIMAL ID	0059 9	0060 0	0060 1	0060 2	0065 2	0065 3	0065 4	0065 5	0065 6	0070 0	0070 1	0070 2	0070 3	0070 4	0075 1	0075 2	0075 3	0075 4	0080 2	*TOTALS	
Bone																				1	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression										2										7	3.1
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Gliosis																				1	1.0
Hemorrhage																				1	1.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				4	1.8
Meninges, Hyperplasia									2											1	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia										1										3	1.3
Artery, Mineralization										1										2	1.0
Hemorrhage							2													1	2.0
Infiltration Cellular, Histiocyte										2					1		2	1		11	1.4
Inflammation, Chronic Active									1											1	1.0
Metaplasia, Osseous																				1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Suppurative									3											5	2.6

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

CD Rat Male
F1/50PPB TO CTL

DAY ON TEST	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	075		
ANIMAL ID	059	060	061	062	065	063	064	065	066	070	071	072	073	074	075	075	075	075	082	*TOTALS	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cataract											X									2	
Inflammation, Chronic Active																				1	3.0
Retina, Degeneration																				1	4.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinus, Degeneration										1								2		5	1.8
Infiltration Cellular, Lymphocyte				1	2										1		1	2	2	8	1.4
Polyarteritis													1							1	1.0
Lacrimal Gland																				1	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cyst		X		X			X		X		X	X		X	X	X	X	X		23	
Mineralization							2													4	1.3
Nephropathy	4	1	3	2	2	2	3	2	1	4	2	2	3	2	1	1	1	1	3	46	2.0
Pelvis, Inflammation, Suppurative																				1	2.0
Renal Tubule, Hyperplasia																				1	1.0
Transit Epithe, Hyperplasia	2																			2	2.0
Urethra																				1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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END OF MALE DATA

CD Rat Female
F1 0PPB

DAY ON TEST	0529	0539	0568	0595	0598	0614	0631	0645	0649	0653	0669	0668	0672	0675	0679	0679	0686	0690	0700	0702	0713	0717	0720	0720	0756	0756	0756	0757	0757	0757	0757	0757
ANIMAL ID	0007	0081	0109	0137	0145	0157	0176	0188	0202	0210	0230	0231	0240	0241	0252	0254	0268	0275	0294	0302	0315	0323	0328	0329	0405	0406	0407	0459	0506	0507	0508
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																																
Basophilic Focus																				X												
Bile Duct, Hyperplasia														1	2		1			2											1	
Capsule, Hemorrhage, Focal					2													2														
Cyst Multilocular															X																X	
Degeneration, Cystic																						2										
Eosinophilic Focus														X																		
Hematopoietic Cell Proliferation			1																													
Hepatodiaphragmatic Nodule																																
Infiltration Cellular, Lymphocyte																																
Inflammation, Chronic Active						1		1					1														1					
Periportal, Inflammation, Chronic																																
Vacuolization Cytoplasmic	2						2				2		3										3		2							2

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CD Rat Female
F1 0PPB

DAY ON TEST	052 9	053 9	056 8	059 5	059 8	061 4	063 1	064 5	064 9	065 3	066 9	066 8	067 2	067 5	067 9	067 9	068 6	069 0	070 0	070 2	071 3	071 7	072 0	072 0	075 6	075 6	075 6	075 7	075 7	075 7	075 7
ANIMAL ID	0007 7	0008 1	0010 9	0013 7	0014 5	0015 7	0017 6	0018 8	0020 2	0021 0	0023 0	0023 1	0024 0	0024 1	0025 2	0025 4	0026 8	0027 5	0029 4	0030 2	0031 5	0032 3	0032 8	0032 9	0040 5	0040 6	0040 7	0045 9	0055 6	0057 7	0058 8
Mesentery																+												+			
Fat, Necrosis																2												2			
Oral Mucosa													+	+													+				
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration	3	2								1					2				3		2		3		2	2	1		1	2	
Lipomatosis																				2											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic													3																		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																	2														
Hyperplasia								2									3														
Inflammation								2																							
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy			1	1	2	1	1							2	1		1				2	2			1				2		1
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis		2			2																										
Atrophy																										2					
Degeneration, Cystic				3		3	2	4	3	3	3	3	3	2	3	2	1	2	4	1	4	3		3	3	4	3	3	3	4	2

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CD Rat Female
F1 0PPB

DAY ON TEST	052 9	053 9	056 8	059 5	059 8	061 4	063 1	064 5	064 9	065 3	066 9	066 8	067 2	067 5	067 9	067 9	068 6	069 0	070 0	070 2	071 3	071 7	072 0	072 0	075 6	075 6	075 6	075 7	075 7	075 7	075 7
ANIMAL ID	0007 7	0008 1	0010 9	0013 7	0014 5	0015 7	0017 6	0018 8	0020 2	0021 0	0023 0	0023 1	0024 0	0024 1	0025 2	0025 4	0026 8	0027 5	0029 4	0030 2	0031 5	0032 3	0032 8	0032 9	0040 5	0040 6	0040 7	0045 9	0050 6	0050 7	0050 8
Hyperplasia																															
Hypertrophy	2													2			1						1								
Metaplasia, Osseous																															
Vacuolization Cytoplasmic		1																													
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia							2																								
Parathyroid Gland	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Pars Distalis, Cyst													X							X											
Pars Distalis, Hyperplasia																															
Pars Intermed, Cyst								X																							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia						1		1			1									1							1				
Infiltration Cellular, Lymphocyte																1															
Inflammation, Chronic																															
Ultimobranchial Cyst																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+

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CD Rat Female
F1 0PPB

DAY ON TEST	0529	0539	0568	0595	0598	0614	0631	0645	0649	0653	0669	0668	0672	0675	0679	0679	0686	0690	0700	0702	0713	0717	0720	0720	0756	0756	0756	0757	0757	0757	0757
ANIMAL ID	0007	0081	0109	0137	0145	0157	0176	0188	0202	0210	0230	0231	0240	0241	0252	0254	0268	0275	0294	0302	0315	0323	0328	0329	0405	0406	0407	0459	0506	0507	0508
Duct, Dilatation			2									2						3	2	2	2				1		3				2
Duct, Hyperplasia, Squamous																															
Inflammation			1	1		4	2	2	1	2	2	1	3	2	3	2		3	2			3		3	1	2	3	2	1	3	2
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	1	2	1	3	1	4		1	2	3	2	2	2	2	4	4	4	4	2	1	4	3	2	3	3	2	2	4	4	4	4
Corpus Luteum, Cyst									X																						
Cyst		X				X	X				X							X	X			X			X			X			
Hyperplasia, Sertoliform	1	1	1		1					2														1	1		2	1			
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2																				2									
Dilatation	3																														
Endometrium, Hyperplasia																															
Endometrium, Hyperplasia, Cystic						1				3		2						1		2	1									2	3
Hyperplasia, Atypical, Focal										1							1												1		
Inflammation																															
Metaplasia, Squamous																					1								1		
Pigmentation, Focal																															
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			2	3		1		1		2			2		2		1			1									2		
Mucocyte, Hyperplasia	1	3	2	2	3		3		2	3	3	3		3	1	3			4	4	3	3	3	3	3	2	1	2	2	2	

Hematopoietic System

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CD Rat Female
F1 0PPB

DAY ON TEST	052	053	056	059	059	061	063	064	064	065	066	066	067	067	067	067	068	069	070	070	071	071	072	072	075	075	075	075	075	075	075
ANIMAL ID	0007	0081	0109	0137	0145	0157	0176	0188	0202	0210	0230	0231	0240	0241	0252	0254	0268	0275	0294	0302	0315	0323	0328	0329	0405	0406	0407	0459	0506	0507	0508
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																			2												
Lymph Node							+			+									+		+							+	+		+
Axillary, Degeneration, Cystic																															
Axillary, Infiltration Cellular, Plasma Cell																															
Deep Cervical, Infiltration Cellular, Plasma Cell																															
Hyperplasia, Lymphoid										4																					
Infiltration Cellular, Plasma Cell																															
Inguinal, Hyperplasia, Lymphoid										4																					
Inguinal, Infiltration Cellular, Plasma Cell																					3										
Lumbar, Degeneration, Cystic																			3		3							3	3		
Lumbar, Hyperplasia, Lymphoid																												3			
Lumbar, Infiltration Cellular, Plasma Cell																												3	3		
Mediastinal, Hyperplasia, Lymphoid							2																								
Mediastinal, Pigmentation							2																								
Pancreatic, Pigmentation							2																								
Popliteal, Degeneration, Cystic																															
Popliteal, Hyperplasia, Lymphoid																															
Popliteal, Infiltration Cellular, Plasma Cell																															
Renal, Degeneration, Cystic																															2
Renal, Infiltration Cellular, Plasma Cell																															4
Thoracic, Infiltration Cellular, Plasma Cell																															

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CD Rat Female
F1 0PPB

DAY ON TEST	052 9	053 9	056 8	059 5	059 8	061 4	063 1	064 5	064 9	065 3	066 9	066 8	067 2	067 5	067 9	067 9	068 6	069 0	070 0	070 2	071 3	071 7	072 0	072 0	075 6	075 6	075 6	075 7	075 7	075 7	075 7
ANIMAL ID	0007 7	0008 1	0010 9	0013 7	0014 5	0015 7	0017 6	0018 8	0020 2	0021 0	0023 0	0023 1	0024 0	0024 1	0025 2	0025 4	0026 8	0027 5	0029 4	0030 2	0031 5	0032 3	0032 8	0032 9	0040 5	0040 6	0040 7	0045 9	0050 6	0050 7	0050 8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic						2				2									3		2			2		2	1	2			
Hemorrhage																															
Hyperplasia, Lymphoid																		2				2								2	
Infiltration Cellular, Plasma Cell			2	2	2	3	2		2	2	3	2	3	3	2	2	2	3		2	3	3		3	3	2	2	2	2		3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Depletion Lymphoid																															
Hyperplasia, Lymphoid					2				2											2	2										
Infiltration Cellular, Plasma Cell															2										2						
Pigmentation																															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	2		2				2		1		2	1		2					2			2			2				2	2	
Pigmentation		3		2		2							2		2	1	3	2	1	2		2	1	2				1		2	1
Red Pulp, Atrophy																															
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst						X		X	X	X	X			X		X	X	X		X	X							X	X		
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia	1		2	2	2	2	2		2		2	2		3	2	1	2		4	1	2	2			2	2	2	3	3	2	
Atypical Focus			2				1									1									2	1	2	2	1	1	1
Duct, Dilatation									2																					2	

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CD Rat Female
F1 0PPB

DAY ON TEST	052 9	053 9	056 8	059 5	059 8	061 4	063 1	064 5	064 9	065 3	066 9	066 8	067 2	067 5	067 9	067 9	068 6	069 0	070 0	070 2	071 3	071 7	072 0	072 0	075 6	075 6	075 6	075 7	075 7	075 7	075 7
ANIMAL ID	0007 7	0008 1	0010 9	0013 7	0014 5	0015 7	0017 6	0018 8	0020 2	0021 0	0023 0	0023 1	0024 0	0024 1	0025 2	0025 4	0026 8	0027 5	0029 4	0030 2	0031 5	0032 3	0032 8	0032 9	0040 5	0040 6	0040 7	0045 9	0050 6	0050 7	0050 8
Galactocele						X																									
Lactation	2	2	2	3		2	2							3	4	1	2				2				2		1	2		2	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																							3								
Inflammation	2		2							3	4	4		4							4	3	4					4	4	1	4
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																				+											
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression		2	4	3		3								2	3	3	2	3	2		2	3	3						3	2	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus								2																							
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																		2				2									
Peripheral Nerve																				+											
Spinal Cord																				A											
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																															
Hemorrhage																															

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

CD Rat Female
F1 0PPB

DAY ON TEST	0529	0539	0568	0595	0598	0614	0631	0645	0649	0653	0669	0668	0672	0675	0679	0679	0686	0690	0700	0702	0713	0717	0720	0720	0756	0756	0756	0757	0757	0757	0757
ANIMAL ID	0077	0081	0109	0137	0145	0157	0176	0188	0202	0210	0230	0231	0240	0241	0252	0254	0268	0275	0294	0302	0315	0323	0328	0329	0405	0406	0407	0459	0506	0507	0508
Infiltration Cellular, Histiocyte					2		2				2							1	1						1	1					
Inflammation														1																	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Goblet Cell, Hyperplasia																															
Inflammation																					2		1								
Nasolacrim Dct, Inflammation				2			2	1		2	1			2			2	3			2	2		1	2	2		2		2	
Olfactory Epi, Hyaline Droplet											1																				
Respirat Epith, Hyperplasia																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																						1			2						
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration														2																	
Cornea, Inflammation																															
Retina, Degeneration																		2													
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy, Focal			1																												
Hyperplasia																2													1	1	
Infiltration Cellular, Lymphocyte														1			2					2									
Inflammation																			1	1										2	
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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2) Mild 4) Marked

Experiment Number: 99920-94
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 13:28:50
First Dose M/F: NA / NA
Lab: NCTR

CD Rat Female
F1 0PPB

DAY ON TEST	0529	0539	0568	0595	0598	0614	0631	0645	0649	0653	0669	0668	0672	0675	0679	0679	0686	0690	0700	0702	0713	0717	0720	0720	0756	0756	0756	0757	0757	0757	0757	0757
ANIMAL ID	0007	0081	0109	0137	0145	0157	0176	0188	0202	0210	0230	0231	0240	0241	0252	0254	0268	0275	0294	0302	0315	0323	0328	0329	0405	0406	0407	0459	0506	0507	0508
Cyst		X				X	X					X		X	X		X					X	X						X		
Epithelium, Pelvis, Hyperplasia																				1											
Hemorrhage																															
Inflammation																															
Mineralization	2	1				2		1	1		2	2	2	1			1		2	1	1				3	3			3	2	2
Nephropathy	1		1		1	1									2					1	2	2			1		1	1		1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte			2																												

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CD Rat Female
F1 0PPB

DAY ON TEST	075	075	075	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076		
ANIMAL ID	009	054	055	056	057	067	068	610	067	078	079	075	056	057	058	059	060	061	062	063	*TOTALS	
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Angiectasis			1																	2	2	1.5
Basophilic Focus																					1	
Bile Duct, Hyperplasia			1	2	1		1					1	2				1		2		13	1.4
Capsule, Hemorrhage, Focal																					2	2.0
Cyst Multilocular														X							3	
Degeneration, Cystic																					1	2.0
Eosinophilic Focus																					1	
Hematopoietic Cell Proliferation									1												2	1.0
Hepatodiaphragmatic Nodule																				X	1	
Infiltration Cellular, Lymphocyte					1	1											1				3	1.0
Inflammation, Chronic Active																1				1	6	1.0
Periportal, Inflammation, Chronic							1		1										1		3	1.0
Vacuolization Cytoplasmic					2	2		2					2							2	12	2.2

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2) Mild 4) Marked

CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Mesentery																					2	
Fat, Necrosis																					2	2.0
Oral Mucosa																					3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Acinar Cell, Degeneration			2		3		1				3		1	2				1		2	20	2.0
Lipomatosis																					1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Inflammation, Chronic																					1	3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Edema																					1	2.0
Hyperplasia																					2	2.5
Inflammation																					1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Cardiomyopathy				2			2	1	2	2	2		2	1		1				1	23	1.5
Endocrine System																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Angiectasis																					2	2.0
Atrophy		3																			2	2.5
Degeneration, Cystic	2	4	1	3	3	3	3	3	2	1	2	3	3	4	3	1	4	3	4	3	46	2.8

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CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Hyperplasia	3																				1	3.0
Hypertrophy								2													5	1.6
Metaplasia, Osseous							3														1	3.0
Vacuolization Cytoplasmic																					1	1.0
Adrenal Medulla	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	48	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Hyperplasia																					1	2.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	48	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Angiectasis					2											2					2	2.0
Pars Distalis, Cyst																					2	
Pars Distalis, Hyperplasia			3		2			3								2					4	2.5
Pars Intermed, Cyst																					1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
C Cell, Hyperplasia	3										2										7	1.4
Infiltration Cellular, Lymphocyte																					1	1.0
Inflammation, Chronic																				1	1	1.0
Ultimobranchial Cyst							3			3											2	3.0
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Duct, Dilatation								2							2						11	2.1
Duct, Hyperplasia, Squamous				2																4	2	3.0
Inflammation		2	1	4	2					1					2	1	2	1		3	34	2.1
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Atrophy	4	4	2	4	2	2	3	3	2	4	2	2	2	4		3	2	1	2	4	49	2.7
Corpus Luteum, Cyst																					1	
Cyst				X			X					X				X	X			X	15	
Hyperplasia, Sertoliform	1	2	1	2		1	3	2		2	2	1	3			2		1		1	23	1.5
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Atrophy			3																2		4	2.3
Dilatation																					1	3.0
Endometrium, Hyperplasia							1											2			2	1.5
Endometrium, Hyperplasia, Cystic	2	1		2		1				3					3					2	15	1.9
Hyperplasia, Atypical, Focal	1									1						1					6	1.0
Inflammation						1											2				2	1.5
Metaplasia, Squamous																					2	1.0
Pigmentation, Focal														2							1	2.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Inflammation																	1		2		12	1.7
Mucocyte, Hyperplasia	1	2	3	1	3	3	3	3	2	3	2	3	3		3	3		3	2	1	43	2.5

Hematopoietic System

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CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Hyperplasia																					1	2.0
Lymph Node		+		+			+	+		+	+							+	+	+	16	
Axillary, Degeneration, Cystic											2										1	2.0
Axillary, Infiltration Cellular, Plasma Cell										3	3										2	3.0
Deep Cervical, Infiltration Cellular, Plasma Cell				4																	1	4.0
Hyperplasia, Lymphoid																					1	4.0
Infiltration Cellular, Plasma Cell										3											1	3.0
Inguinal, Hyperplasia, Lymphoid																					1	4.0
Inguinal, Infiltration Cellular, Plasma Cell																					1	3.0
Lumbar, Degeneration, Cystic		4		2			3	3		3	3								3	3	12	3.0
Lumbar, Hyperplasia, Lymphoid							2	2		2										3	5	2.4
Lumbar, Infiltration Cellular, Plasma Cell		3		2			3	2		3	2								3	3	10	2.7
Mediastinal, Hyperplasia, Lymphoid																					1	2.0
Mediastinal, Pigmentation																					1	2.0
Pancreatic, Pigmentation																					1	2.0
Popliteal, Degeneration, Cystic							2														1	2.0
Popliteal, Hyperplasia, Lymphoid							2											2			2	2.0
Popliteal, Infiltration Cellular, Plasma Cell							4											2			2	3.0
Renal, Degeneration, Cystic																					1	2.0
Renal, Infiltration Cellular, Plasma Cell																					1	4.0
Thoracic, Infiltration Cellular, Plasma Cell				2																	1	2.0

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DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Degeneration, Cystic					2				2	2	2	2		2		2			4		16	2.1
Hemorrhage													2								1	2.0
Hyperplasia, Lymphoid												2									4	2.0
Infiltration Cellular, Plasma Cell		2	2	2	3	2	2		2	2	2	2	3	2	3	2	2	2	3	3	43	2.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Degeneration, Cystic															2						1	2.0
Depletion Lymphoid													2								1	2.0
Hyperplasia, Lymphoid									2												5	2.0
Infiltration Cellular, Plasma Cell										2				2		2					5	2.0
Pigmentation										2				2							2	2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Hematopoietic Cell Proliferation											2		2	2							15	1.9
Pigmentation	2	1	2		1	3		2	2	3		2	1	3	2	2	2	2	2	1	33	1.9
Red Pulp, Atrophy												2									1	2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Cyst	X									X				X	X						17	
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Alveolus, Hyperplasia	2	3	3	1		3	3	2	3	2	2	3	2	2	1	3	2	2	2	1	42	2.1
Atypical Focus		1					2	1			2	1		1		2	2		2		19	1.5
Duct, Dilatation														2							3	2.0

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CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Galactocele																	X				2	
Lactation	2	2		1				2		2	1			2	1	2				2	26	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Abscess																					1	3.0
Inflammation		4	4	4			4				4		4	3		4			4	4	23	3.6
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Skeletal Muscle																					1	
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Compression	2			2		3	1		1	1	2	2			3			2		3	26	2.4
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Hydrocephalus						1															2	1.5
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Hydrocephalus																					2	2.0
Peripheral Nerve																					1	
Spinal Cord																					0	
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Alveolar Epith, Hyperplasia									2												1	2.0
Hemorrhage									3												1	3.0

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

CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0059	0054	0055	0056	0057	0067	0068	0610	0657	0708	0709	0755	0756	0757	0758	0759	0760	0761	0762	0763		*TOTALS	
Infiltration Cellular, Histiocyte			2	1				1	2													11	1.5
Inflammation				1					2													3	1.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		51	
Goblet Cell, Hyperplasia																				3		1	3.0
Inflammation												2	2									4	1.8
Nasolacrim Dct, Inflammation	2	2	2	1	2	1	1		2		2		2		1		1	2		2		29	1.8
Olfactory Epi, Hyaline Droplet										2						3	1					4	1.8
Respirat Epith, Hyperplasia								2														1	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		51	
Inflammation																						2	1.5
Special Senses System																							
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		51	
Bilateral, Retina, Degeneration				2																		2	2.0
Cornea, Inflammation							2															1	2.0
Retina, Degeneration					2						2											3	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		51	
Atrophy, Focal																				2		2	1.5
Hyperplasia																						3	1.3
Infiltration Cellular, Lymphocyte																						3	1.7
Inflammation								1					1	1	1							7	1.1
Urinary System																							
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		51	

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CD Rat Female
F1 0PPB

DAY ON TEST	757	758	758	758	758	759	761	761	761	762	762	763	763	763	763	763	763	763	762	762		
ANIMAL ID	0050 9	0055 4	0055 5	0055 6	0055 7	0060 7	0060 8	0061 0	0065 7	0070 8	0070 9	0075 5	0075 6	0075 7	0075 8	0075 9	0076 0	0076 1	0076 2	0076 3	*TOTALS	
Cyst						X	X		X					X		X					15	
Epithelium, Pelvis, Hyperplasia																					1	1.0
Hemorrhage																			3		1	3.0
Inflammation																			2		1	2.0
Mineralization	2	2	1	1		2	1	2	2	2	3			1			2			2	31	1.8
Nephropathy		1	1		1	2	1	1	1	1	1		1		1	1	2	1		1	27	1.2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	
Infiltration Cellular, Lymphocyte																				1	2	1.5

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CD Rat Female
F1 2PPB

DAY ON TEST	087	349	468	499	504	563	595	594	602	624	644	643	652	667	667	678	684	686	691	702	705	712	729	730	728	739	747	756	756	756	756
ANIMAL ID	0002	0023	0051	0061	0064	0104	0134	0136	0151	0169	0190	0194	0209	0227	0229	0250	0260	0267	0279	0306	0307	0316	0342	0349	0353	0379	0394	0408	0409	0410	0411
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	2							4																							
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic	2																														
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation				1																											
Lymphoid Tiss, Inflammation	3																														
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic	1																														
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic																															
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																	1														
Basophilic Focus																															
Bile Duct, Hyperplasia	3									1	1						1			2							1				
Cyst																															
Eosinophilic Focus																															
Hematopoietic Cell Proliferation						1					1							1		1											
Infiltration Cellular, Lymphocyte																														1	

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CD Rat Female
F1 2PPB

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Inflammation, Chronic Active																												1			
Periportal, Inflammation, Chronic	3																										1				
Right Lat Lobe, Developmental Malformation													X																		
Vacuolization Cytoplasmic						2			2														2								
Mesentery									+													+									
Fat, Necrosis																						3									
Oral Mucosa																				+											
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration						2	1				3		3					1		2	2		2	1		2	2	1	2		
Inflammation, Chronic	2														1				1			1		1			1				
Lipomatosis				2																											
Salivary Glands	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic	3			3																											
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia					2																	2									
Inflammation	2							2							3							2									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte	2																														
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy				1			1			1				2	2	1	1						1		2						

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Myocardium, Necrosis	2																														
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis					2																										
Degeneration, Cystic			3	4			3		2	2	3		3	3	2	2	2	2	2	3	2	3	2	4	3	3	3	3	2	4	4
Hyperplasia			1		2														3												
Hypertrophy					2				2		2	2								2	2	2							2		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				2																											
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst											X																				
Pars Distalis, Hyperplasia													2																		
Pars Intermed, Cyst											X		X																		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia				3			1																								1
Inflammation, Chronic																															
Ultimobranchial Cyst																										3					
General Body System																															
NONE																															

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Genital System																															
Clitoral Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					2							2								2											
Duct, Dilatation												2		2			2	3					2								
Duct, Hyperplasia, Squamous																						3									
Hyperplasia																								1	2						
Inflammation	4			2		3		1	3	2		1	2	2	3	2	2	2	1		2	3	2	3	2			2	3		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Atrophy	3		3	3	2	3	4	2	2	4	4	2	3	1	2	4	4	4		4		4	3	3	2	4	4	4	2	2	4
Corpus Luteum, Cyst														X															X		
Cyst																						X			X			X			
Hyperplasia, Sertoliform					1	1													2		1	2				2	1	2		2	2
Interstit Cell, Hyperplasia																															
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Endometrium, Hyperplasia																								1		2		2			
Endometrium, Hyperplasia, Cystic										1	2	2			2											2	2	2		2	2
Hemorrhage											2																				
Hyperplasia, Atypical, Focal			2										1	2	2	2	2					1			1			1	1		1
Hypoplasia	3																														

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Inflammation																											1				
Metaplasia, Squamous							2										2								1			3			3
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	2			1	2	3	1		2	2					2			2	2		2	2	1	2		2					
Mucocyte, Hyperplasia			2	2				3		2				3	2	2		2	3		2		3	2		2	1	2	3	3	1
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																			2												
Myeloid Cell, Hyperplasia	2																														
Lymph Node	+																					+	+						+		+
Inguinal, Infiltration Cellular, Plasma Cell																							4								
Lumbar, Degeneration, Cystic																						4							4		3
Lumbar, Hyperplasia, Lymphoid	3																												2		2
Lumbar, Infiltration Cellular, Plasma Cell																						3							3		3
Popliteal, Infiltration Cellular, Plasma Cell																													4		
Renal, Degeneration, Cystic																													4		
Renal, Hyperplasia, Lymphoid																													2		
Renal, Infiltration Cellular, Plasma Cell																													2		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic												2									2	2		2							
Hyperplasia, Lymphoid	3														2						2			2	2			2			
Infiltration Cellular, Plasma Cell	3					2	3		2	4	2			1			3	2	2	3	2	3	2	3	2	2	2	3	2	3	3

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Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid																								2							
Hemorrhage											2																				
Hyperplasia, Lymphoid	4																				1										
Infiltration Cellular, Plasma Cell									2										2												3
Pigmentation																															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	3	2	2						3		2			2		1		2		2	1		2		3				1		
Hyperplasia, Stromal					4																										
Lymphocyte, Atrophy				2																											
Pigmentation						2	2	4		4					2	1	2			2	2	1		2		1	2	3		2	
Thymus	+	+	M	M	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Cyst							X				X		X						X			X	X	X	X				X		
Inflammation, Chronic	3																														
Integumentary System																															
Mammary Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia				3	3	2	1		2	3					2	3	2	1		4	2	2	3	2	2	2	2	2	2		
Atypical Focus						2			1						1	4				2	1						1	2	2		
Duct, Dilatation																												3			3
Galactocele																															
Lactation				2		2	2		2	3			1	1		2	2			3	1	2		2	2	3	2	2	2		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Inflammation	2			4								4		3		3							3		3				4		
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression					3	3	3			3					3	3	3	2		2	3	3	3	2	2	3	4				
Hemorrhage															2																
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus							2														2										
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																															
Artery, Mineralization																															
Edema																															
Infiltration Cellular, Histiocyte								2											1				2				2	3	2	1	
Inflammation																															
Peribronchial, Inflammation, Chronic	3																														
Perivascular, Inflammation																				2											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body																X															

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

CD Rat Female
F1 2PPB

DAY ON TEST	087	349	468	499	504	563	595	594	602	624	644	643	652	667	667	678	684	686	691	702	705	712	729	730	728	739	747	756	756	756	756
ANIMAL ID	0002	0023	0051	0061	0064	0104	0134	0136	0151	0169	0190	0194	0209	0227	0229	0250	0260	0267	0279	0306	0307	0316	0342	0349	0353	0379	0394	0408	0409	0410	0411
Goblet Cell, Hyperplasia																															
Hemorrhage																															
Inflammation	3							2								2															
Nasolacrim Dct, Inflammation				2						1	2			2	1		2	2			2	1		2		2	2	2		2	1
Olfactory Epi, Hyaline Droplet																						1		2						1	1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Ear																									+						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration																													1	2	
Cataract																															
Retina, Degeneration																															
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									2						
Infiltration Cellular, Lymphocyte																															
Inflammation	3													1										1			1				1
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst			X			X									X					X		X		X				X		X	X
Inflammation	3																														
Mineralization		2	2			2	2			3	2				2	2	2	2		2	2	1	3	3		2		2			
Nephropathy				4		2				2									1	2							1	1			

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CD Rat Female
F1 2PPB

DAY ON TEST	087	349	468	499	504	563	595	594	602	624	644	643	652	667	667	678	684	686	691	702	705	712	729	730	728	739	747	756	756	756	756
ANIMAL ID	0002	0023	0051	0061	0064	0104	0134	0136	0151	0169	0190	0194	0209	0227	0229	0250	0260	0267	0279	0306	0307	0316	0342	0349	0353	0379	0394	0408	0409	0410	0411
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+

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CD Rat Female
F1 2PPB

DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				2	3.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic																				1	2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				1	1.0
Lymphoid Tiss, Inflammation																				1	3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic																				1	1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic									4											1	4.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				1	1.0
Basophilic Focus																	X			1	
Bile Duct, Hyperplasia		1	2		1	1			2		1	1				1		1		15	1.3
Cyst											X									1	
Eosinophilic Focus					X															1	
Hematopoietic Cell Proliferation																				4	1.0
Infiltration Cellular, Lymphocyte	1																			2	1.0

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CD Rat Female
F1 2PPB

DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0040	0041	0042	0043	0044	0051	0051	0055	0055	0061	0061	0065	0071	0071	0071	0071	0076	0076	0076	*TOTALS	
Inflammation, Chronic Active																				1	1.0
Periportal, Inflammation, Chronic			1	1		1		1							1					7	1.3
Right Lat Lobe, Developmental Malformation																				1	
Vacuolization Cytoplasmic			2	1				2		2			1							8	1.8
Mesentery																				2	
Fat, Necrosis																				1	3.0
Oral Mucosa																				1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration	2		2	1	1				2		2	2	3			2		1	1	24	1.8
Inflammation, Chronic		1																		7	1.1
Lipomatosis																				1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Chronic																				2	3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																				2	2.0
Inflammation																				4	2.3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Lymphocyte																				1	2.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy				2			1	2	1	2		2	1	1		1				18	1.4

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CD Rat Female
F1 2PPB

DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6	*TOTALS	
Myocardium, Necrosis																				1	2.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				1	2.0
Degeneration, Cystic	3	1	1	3	2	4	2	2	2	2	4	2	3	2		2	3	2	3	43	2.6
Hyperplasia																				3	2.0
Hypertrophy	3		2										2							11	2.1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia					2															1	2.0
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	47	
Hyperplasia							2													2	2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst																X				2	
Pars Distalis, Hyperplasia					2											1				3	1.7
Pars Intermed, Cyst											X									3	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C Cell, Hyperplasia						1														4	1.5
Inflammation, Chronic													3							1	3.0
Ultimobranchial Cyst							3						3		3					4	3.0
General Body System																					
NONE																					

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ANIMAL ID	0040	0041	0042	0043	0044	0050	0051	0058	0059	0061	0062	0068	0070	0071	0072	0073	0074	0075	0076	*TOTALS	
Genital System																					
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy		2	3									3								6	2.3
Duct, Dilatation		2	3	2		3		2			3	3								12	2.4
Duct, Hyperplasia, Squamous																				1	3.0
Hyperplasia																				2	1.5
Inflammation	1	2	1	3		2		3		1	3			2	2	3	2			33	2.2
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis												1								1	1.0
Atrophy	4	2	1	3	2	3	4	2	4	4	4	4	4	4	4	2	4	2	4	47	3.1
Corpus Luteum, Cyst																				2	
Cyst		X		X				X				X	X	X						9	
Hyperplasia, Sertoliform	1	1			1								1			1	2		2	17	1.5
Interstit Cell, Hyperplasia						3														1	3.0
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy															2					1	2.0
Endometrium, Hyperplasia						1					2			2		2				7	1.7
Endometrium, Hyperplasia, Cystic											2	3	3				2		3	14	2.1
Hemorrhage																				1	2.0
Hyperplasia, Atypical, Focal				1				1				2								14	1.4
Hypoplasia																				1	3.0

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DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762	*TOTALS	
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6		
Inflammation																				1	1.0
Metaplasia, Squamous												1								6	2.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation	1				2		2	1						1	3				2	22	1.8
Mucocyte, Hyperplasia		3	2	3	2	4		3	2	1	1	1	3	2		2		3	1	33	2.2
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																				1	2.0
Myeloid Cell, Hyperplasia																				1	2.0
Lymph Node			+	+			+		+	+			+		+	+	+			14	
Inguinal, Infiltration Cellular, Plasma Cell																				1	4.0
Lumbar, Degeneration, Cystic			3	4			3			2			3		2	2	2			11	2.9
Lumbar, Hyperplasia, Lymphoid			3				2		3	2					2	2	3			10	2.4
Lumbar, Infiltration Cellular, Plasma Cell			2	2			4		3	3			3		3	3	3			12	2.9
Popliteal, Infiltration Cellular, Plasma Cell																				1	4.0
Renal, Degeneration, Cystic																				1	4.0
Renal, Hyperplasia, Lymphoid																				1	2.0
Renal, Infiltration Cellular, Plasma Cell																				1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic	3			2	2					2			3							9	2.2
Hyperplasia, Lymphoid			2		2			2	2		2				2		2	2		14	2.1
Infiltration Cellular, Plasma Cell	3	3	3		3	2	3	2	3	3	3	3	3	3	2	3	3	2	2	40	2.6

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CD Rat Female
F1 2PPB

DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6	*TOTALS	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Depletion Lymphoid																				1	2.0
Hemorrhage																				1	2.0
Hyperplasia, Lymphoid					2															3	2.3
Infiltration Cellular, Plasma Cell																				3	2.3
Pigmentation					2															1	2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation	1			1	2			2	2			2	2	2			2			22	1.9
Hyperplasia, Stromal																				1	4.0
Lymphocyte, Atrophy																				1	2.0
Pigmentation	1		1	1	2	2	2	2	3	2			3	2	1	2	2	2	2	31	2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	44	
Cyst	X		X	X		X	X			X		X					X		X	18	
Inflammation, Chronic																				1	3.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolus, Hyperplasia	4	2	3	2	3	4	2	3	3	1	2	2	2	4		3	2	3	3	38	2.4
Atypical Focus	2		3	2	2	2		2	2	1		1	1	3	1	1			2	23	1.8
Duct, Dilatation	3								2					3						5	2.8
Galactocele	X													X						2	
Lactation	3		2	2		3	2	2	3	2		2	1	3	1		2		2	32	2.1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1 2PPB

DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6	*TOTALS	
Inflammation				4			3	4			3		4		4		3	4		16	3.4
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression	2		2						2	3			2	3	3		2	2	3	26	2.7
Hemorrhage																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				2	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia							1													1	1.0
Artery, Mineralization							1													1	1.0
Edema													1							1	1.0
Infiltration Cellular, Histiocyte					2		2											2		10	1.9
Inflammation										2										1	2.0
Peribronchial, Inflammation, Chronic																				1	3.0
Perivascular, Inflammation																				1	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body																				1	

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DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6	*TOTALS	
Goblet Cell, Hyperplasia																	2		1	2	1.5
Hemorrhage										4										1	4.0
Inflammation													2					1		5	2.0
Nasolacrim Dct, Inflammation	2	2	2	2	1	2		1	2		1	2		2	2	2		2		29	1.8
Olfactory Epi, Hyaline Droplet																			1	5	1.2
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Ear																				1	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Bilateral, Retina, Degeneration			3								1			3						5	2.0
Cataract	X																			1	
Retina, Degeneration					2															1	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia											2									2	2.0
Infiltration Cellular, Lymphocyte				1				2												2	1.5
Inflammation									1				2		1	1			1	10	1.3
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst								X			X	X	X		X			X	X	16	
Inflammation																				1	3.0
Mineralization	1	2	2	3			2	2	2		3	1	2	2	2	2	2	1	2	33	2.0
Nephropathy	1	2		1		1	1	1	1	2	1	1	1	2	1				1	21	1.4

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CD Rat Female
F1 2PPB

DAY ON TEST	757	757	757	757	757	757	757	758	758	762	761	762	763	763	762	762	762	762	762		
ANIMAL ID	0046 0	0046 1	0046 2	0046 3	0046 4	0051 0	0051 1	0055 8	0055 9	0061 1	0061 2	0065 8	0071 0	0071 1	0071 2	0071 3	0076 4	0076 5	0076 6		*TOTALS
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49

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

CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	068	068	069	070	070	070	071	072	072	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	4																														
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Developmental Malformation																								X							
Mineralization		2																													
Muscularis, Inflammation, Chronic		2																													
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation	3																														
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																					2										
Basophilic Focus																															
Bile Duct, Hyperplasia									1										2									1		1	
Centrilobular, Necrosis												3																			
Cyst Multilocular																															
Eosinophilic Focus																															X
Hematopoietic Cell Proliferation		2	2																												
Infiltration Cellular, Lymphocyte																															

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CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	068	068	069	070	070	070	071	072	072	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Inflammation, Chronic Active													2		1											1					
Periportal, Inflammation, Chronic																															
Tension Lipidosis																													2		
Vacuolization Cytoplasmic																															
Oral Mucosa													+	+								+									
Keratin Cyst														X								X									
Pancreas	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration				2			1	1	1		2				2							2	2	2					2	2	
Artery, Mineralization		2																													
Lipomatosis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Mineralization		2																													
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema															2																
Inflammation	2																														
Stomach, Glandular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glands, Dilatation																															
Mineralization		3																													
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization		3																													
Heart	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	068	068	069	070	070	070	071	072	072	073	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Artery, Mineralization		2																													
Cardiomyopathy		2										1				1		1			1	2					1				
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy													3																		
Degeneration, Cystic			3	3			3	3	3		2	2	3	3	2	3	2	2	3	2	2	2	2	3	3	2		4	2	4	3
Hyperplasia	1																														
Hypertrophy						1									2							2			2	2					2
Vacuolization Cytoplasmic		2																													
Adrenal Medulla	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																											2				
Parathyroid Gland	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Hyperplasia		2																													
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																															
Pars Distalis, Cyst	X																														
Pars Distalis, Hyperplasia					1			3																							
Thyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia							4	1																							
Ultimobranchial Cyst		3																													
General Body System																															

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CD Rat Female
F1 10 PPB

DAY ON TEST	0275	0391	0538	0555	0555	0575	0579	0582	0583	0604	0632	0634	0645	0657	0666	0673	0675	0676	0687	0688	0695	0701	0703	0709	0715	0725	0727	0730	0734	0737	0756
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Tissue NOS										+																					
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy						2														2											
Duct, Dilatation						3														2	2				2					2	
Duct, Hyperplasia, Squamous																				2											
Hyperplasia																								2							
Inflammation		2	2		2		1	1	2		2			2		4	4	2	2	2	3			2				4	2	3	2
Ovary	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			3	3	2	4	4	4	4		2	4	3	2	4	4	4	3	4	4	4	4	4	4	4	2	2	2	2	3	4
Corpus Luteum, Cyst																															
Cyst			X	X				X	X			X	X	X							X			X	X		X	X	X		
Hyperplasia, Sertoliform			1			2		2																			1			1	1
Interstit Cell, Hyperplasia																															
Oviduct	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2																													
Endometrium, Hyperplasia																															
Endometrium, Hyperplasia, Cystic			2	3			2	2	1						2	2					2	2	2	2	1						2
Hyperplasia, Atypical, Focal							2		1			1		1		1			1				1	1					2		2
Metaplasia, Squamous			2																1	1				1							2
Vagina	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	067	068	069	070	070	070	071	072	072	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Inflammation		2				1			1				1	2	2		2				2	1	2	1		2		2		2	
Mucocyte, Hyperplasia			2				2	2	1		3			4	2	3	2	4			2			2	3	3	3	2	2	3	2
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+																												
Lumbar, Degeneration, Cystic																															
Lumbar, Hyperplasia, Lymphoid																															
Lumbar, Infiltration Cellular, Plasma Cell			2																												
Mediastinal, Hemorrhage																															
Popliteal, Degeneration, Cystic																															
Popliteal, Hyperplasia, Lymphoid																															
Popliteal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic								2								2						2				2					
Hyperplasia, Lymphoid													2		2									2			2				
Infiltration Cellular, Plasma Cell			2			2	2	3	3		3	2	2	3	3	3	3	2	2	2	2	3	2	2	3	3	2	2	2	2	1
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															2
Hyperplasia, Lymphoid								2																							
Infiltration Cellular, Plasma Cell																							3								
Spleen	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation		3	3									2															2	1	2		

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CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	067	068	069	070	070	070	071	072	072	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Pigmentation	3			2			2		3				2		2	2	2	3	3	2	2	1	3	2	2	3		1		2	1
Thymus	M	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+
Cyst			X		X						X	X			X	X		X	X	X				X							
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia				1	1	4		2	2			4	2	2	2	1	2	3	2	2	3	2	2	2	1	3		2	1	3	3
Atypical Focus								1					1	2		1					1	1	2	1							
Galactocele				X													X			X											
Lactation			2	1		2	1	2	2			3		2	2	2	2	2	2	2	2	2	2	1	2						
Lobules, Hyperplasia															2																
Skin	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation															4																
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Osteodystrophy		3																													
Skeletal Muscle																													+		
Head, Hyalinization, Focal																													2		
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				3		3	2		3					3	3	3	2	2	2	2	3		2	3	3	3				3	
Hemorrhage																															

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CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	067	068	068	069	070	070	070	071	072	072	073	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Hydrocephalus																																	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus							2		2						2						1		2	2									
Respiratory System																																	
Lung	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																				2					1								
Infiltration Cellular, Histiocyte						2											1										1		2	1	2	
Infiltration Cellular, Lymphocyte																											1						
Inflammation		1										2								2						2							
Peribronchial, Inflammation, Chronic																						1											
Perivascular, Inflammation																			1									1					
Nose	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Osteodystrophy		3																															
Goblet Cell, Hyperplasia																											2						
Inflammation																						2		2			2						
Nasolacrim Dct, Inflammation					2	1					1		2		2	2	2		2	2	1		2	2	2	2	2	2			2		
Olfactory Epi, Hyaline Droplet																																	
Trachea	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																											1						
Special Senses System																																	
Eye	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 10 PPB

DAY ON TEST	027	039	053	055	055	057	057	058	058	060	063	063	064	065	066	067	067	067	067	068	068	069	070	070	070	071	072	072	073	073	073	073	075
ANIMAL ID	0017	0034	0083	0089	0093	0112	0115	0117	0120	0152	0175	0180	0191	0213	0225	0238	0244	0247	0269	0276	0288	0282	0289	0296	0313	0319	0338	0345	0355	0358	0369	0415
Bilateral, Retina, Degeneration													2																			
Cataract																																
Retina, Degeneration					1																											
Harderian Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								1		2						
Infiltration Cellular, Lymphocyte			1																													
Inflammation						1		1														1	1		1							
Urinary System																																
Kidney	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst													X					X							X	X				X		
Degeneration, Mucoid																																
Hydronephrosis																										3						
Mineralization								2	2		3			3	1	1	2	1				2		1	2				2			
Nephropathy		4	1					1				3	1	1	1	1			1			1			1							
Polycystic Kidney		4																														
Urinary Bladder	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0055 6 1	0055 6 2	0055 6 3	0055 6 4	0061 4	0061 5	0061 6	0066 6 1	0066 6 2	0071 8	0071 9	0076 8		*TOTALS	
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Inflammation																					1	4.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Developmental Malformation																					1	
Mineralization																					1	2.0
Muscularis, Inflammation, Chronic																					1	2.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Dilatation																					1	3.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		47	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Angiectasis																					1	2.0
Basophilic Focus										X											1	
Bile Duct, Hyperplasia		2			2	1			1		1					1					10	1.3
Centrilobular, Necrosis																					1	3.0
Cyst Multilocular															X						1	
Eosinophilic Focus																					1	
Hematopoietic Cell Proliferation													1								3	1.7
Infiltration Cellular, Lymphocyte			1																		1	1.0

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

CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0055 6 1	0055 6 2	0055 6 3	0055 6 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8		*TOTALS	
Inflammation, Chronic Active							1						1					1			6	1.2
Periportal, Inflammation, Chronic				1	1					1	1					1					5	1.0
Tension Lipidosis																					1	2.0
Vacuolization Cytoplasmic							1	3	2				2								4	2.0
Oral Mucosa															+					4		
Keratin Cyst															X						3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Acinar Cell, Degeneration		1			3	1	2				2			2			3	3	4		20	2.0
Artery, Mineralization																					1	2.0
Lipomatosis							2														1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Artery, Mineralization																					1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Edema																					1	2.0
Inflammation																					1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Glands, Dilatation													3								1	3.0
Mineralization																					1	3.0
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Mineralization																					1	3.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0056 1	0056 2	0056 3	0056 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8	*TOTALS	
Artery, Mineralization																				1	2.0
Cardiomyopathy					1								2			1				10	1.3
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy				2																2	2.5
Degeneration, Cystic	1	2	2		2	2	2	3	3	3	3	2	2	3	3	2	2	3	2	43	2.5
Hyperplasia																				1	1.0
Hypertrophy					2															7	1.9
Vacuolization Cytoplasmic																				1	2.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia									2						2					3	2.0
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hyperplasia																				1	2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst									X											1	
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia	2																			3	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia													1							3	2.0
Ultimobranchial Cyst																				1	3.0
General Body System																					

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0055 6 1	0055 6 2	0055 6 3	0055 6 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8	*TOTALS	
Tissue NOS																				1	
Genital System																					
Clitoral Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Atrophy			3	3																4	2.5
Duct, Dilatation			3	3			2		2								2			10	2.3
Duct, Hyperplasia, Squamous												2								2	2.0
Hyperplasia											2									2	2.0
Inflammation	1		1	1	1	2	2	2	2				2	3		2		2	3	32	2.1
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy	2	4	2	4	1	4	2	2	2	3	4	4	3	4	4	2		4	3	46	3.2
Corpus Luteum, Cyst			X																	1	
Cyst		X		X			X						X							17	
Hyperplasia, Sertoliform					1				1	1		1				1		2	1	13	1.2
Interstit Cell, Hyperplasia		3				2														2	2.5
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy				2																2	2.0
Endometrium, Hyperplasia		3								2	2									3	2.3
Endometrium, Hyperplasia, Cystic					1						3	1	2	2	2		2			20	1.9
Hyperplasia, Atypical, Focal	1	2				1								2	2				1	16	1.4
Metaplasia, Squamous		1												2	1					8	1.4
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0055 6 1	0055 6 2	0055 6 3	0055 6 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8		*TOTALS	
Inflammation			1							1			2	1							18	1.6
Mucocyte, Hyperplasia	3		2		2	3	2	3	2	1	3		2	2	2	3	3	3	2		35	2.4
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Lymph Node			+									+		+				+	+	6		
Lumbar, Degeneration, Cystic			3											3				2			3	2.7
Lumbar, Hyperplasia, Lymphoid			3															2	3		3	2.7
Lumbar, Infiltration Cellular, Plasma Cell			2									3						4	3		5	2.8
Mediastinal, Hemorrhage												2									1	2.0
Popliteal, Degeneration, Cystic																		3			1	3.0
Popliteal, Hyperplasia, Lymphoid																		2	2		2	2.0
Popliteal, Infiltration Cellular, Plasma Cell																		3	4		2	3.5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Degeneration, Cystic					2	2			2						2						8	2.0
Hyperplasia, Lymphoid	2		2		2		2	2						2	2						11	2.0
Infiltration Cellular, Plasma Cell	2	2		3	2	3	2	2	2		2	2	2	3	2	3	3	2	3		43	2.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	47		
Degeneration, Cystic																					1	2.0
Hyperplasia, Lymphoid																					1	2.0
Infiltration Cellular, Plasma Cell																					1	3.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hematopoietic Cell Proliferation			2	2						2		2									10	2.1

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0056 1	0056 2	0056 3	0056 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8		*TOTALS	
Pigmentation		1	1	2	3	2	3	1			3		3	1	1	3	2		1		34	2.1
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Cyst		X		X	X	X		X	X	X		X		X	X			X			21	
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Alveolus, Hyperplasia		2	2	2	3	2	2	3	2	1	2	1	4	2	2	3	2	3	2		42	2.2
Atypical Focus				1	1	1	1	1	1	1	2		3			1	2	1	2		21	1.3
Galactocele											X										4	
Lactation		1				2	2			1	2	2	2	2	2	2	2		2		31	1.9
Lobules, Hyperplasia																					1	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Inflammation			4			4		4	4	4		3					4	4			9	3.9
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Fibrous Osteodystrophy																					1	3.0
Skeletal Muscle																				1		
Head, Hyalinization, Focal																					1	2.0
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Compression		3		3		2					2		3				2				23	2.6
Hemorrhage				2																	1	2.0

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0056 1	0056 2	0056 3	0056 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8	*TOTALS	
Hydrocephalus				2																1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hydrocephalus																				6	1.8
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolar Epith, Hyperplasia																				2	1.5
Infiltration Cellular, Histiocyte								2						2	1	2				10	1.6
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation																				4	1.8
Peribronchial, Inflammation, Chronic																				1	1.0
Perivascular, Inflammation													1							3	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Fibrous Osteodystrophy																				1	3.0
Goblet Cell, Hyperplasia	2																			2	2.0
Inflammation											2	1								5	1.8
Nasolacrim Dct, Inflammation		1	1	1	2		2	2	1	1			2	2	2	2	2	1		31	1.7
Olfactory Epi, Hyaline Droplet															1					1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation				1			1													3	1.0
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	

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CD Rat Female
F1 10 PPB

DAY ON TEST	756	754	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	763		
ANIMAL ID	0041 6	0045 3	0046 8	0046 9	0051 3	0051 4	0051 5	0056 1	0056 2	0056 3	0056 4	0061 4	0061 5	0061 6	0066 1	0066 2	0071 8	0071 9	0076 8	*TOTALS	
Bilateral, Retina, Degeneration																				1	2.0
Cataract													X							1	
Retina, Degeneration	2		2	2														2		5	1.8
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia										1							2			4	1.5
Infiltration Cellular, Lymphocyte															1					2	1.0
Inflammation	2	1		1								1				1				10	1.1
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cyst									X						X			X		8	
Degeneration, Mucoid	1																			1	1.0
Hydronephrosis																				1	3.0
Mineralization			3	1	2	2	2	1		1	1	1	2	2	2	1	2	2		27	1.7
Nephropathy				1	1				1		1		1	1			1			18	1.3
Polycystic Kidney																				1	4.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	051	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	070	070	071	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0018	0072	0123	0129	0143	0155	0170	0195	0203	0207	0212	0216	0223	0224	0236	0253	0265	0277	0291	0308	0314	0330	0343	0344	0351	0419	0420	0421	0474	0475	0476
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage				2																												
Inflammation				4																												
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	3																															
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	3																															
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	3																															
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis					2																											
Basophilic Focus																																
Bile Duct, Hyperplasia									2		2																	1			1
Degeneration, Cystic																									1							
Eosinophilic Focus																			X					X								X
Hematopoietic Cell Proliferation			2																													
Hepatodiaphragmatic Nodule															X																	
Infiltration Cellular, Lymphocyte																																

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	056	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	070	070	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0018	0072	0123	0129	0143	0155	0170	0195	0203	0207	0212	0216	0223	0224	0236	0253	0265	0277	0291	0308	0314	0330	0343	0344	0351	0419	0420	0421	0474	0475	0476
Inflammation, Chronic Active							1								1							1			1						
Periportal, Inflammation, Chronic																											1				
Tension Lipidosis																										X					
Vacuolization Cytoplasmic										2													2								
Mesentery																														+	
Fat, Necrosis																														2	
Oral Mucosa															+							+									
Gingival, Inflammation																															
Keratin Cyst																															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		2		2			2								1				2	2	2	1		1	3	3			2	2	
Acinar Cell, Hyperplasia																												1			
Inflammation, Chronic																									2						
Lipomatosis																										3					
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema													3	3																	
Hyperplasia																													2		
Ulcer				3																											
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									1						
Cardiovascular System																															

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
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BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

CD Rat Female
F1 50 PPB

DAY ON TEST	028	051	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	069	070	070	071	071	072	072	072	073	073	075	075	075	075	075	075
ANIMAL ID	0001	0002	0012	0012	0014	0015	0017	0019	0020	0020	0021	0021	0022	0022	0022	0025	0025	0027	0029	0030	0031	0031	0033	0033	0033	0033	0035	0041	0042	0042	0047	0047	0047	0047
	8	2	3	9	3	5	0	5	3	7	2	6	3	4	6	3	5	7	1	8	4	4	0	3	4	4	1	9	0	1	4	5	6
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy			2		1				1																		2		1		1		1
Endocrine System																																		
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis															2										2									
Cyst			4																															
Degeneration, Cystic				2	3	2	2	3	2	3	3	3	1	2		4	2	3	2	3	2	2	2	2			3	4	2	2	1	3	2
Hematopoietic Cell Proliferation			2																															
Hypertrophy					2									3	3		2																	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M
Hyperplasia																					2													
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst					X																													
Pars Distalis, Hyperplasia																								2										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia			2						1									3																
Follicular Cel, Hyperplasia																																		
Inflammation, Chronic															1		1																	
Ultimobranchial Cyst																							2					2						

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	056	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	070	070	071	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0001	0002	0012	0012	0014	0015	0017	0019	0020	0020	0021	0021	0022	0022	0023	0025	0026	0027	0029	0030	0031	0033	0033	0034	0034	0035	0041	0042	0042	0047	0047	0047
	8	2	3	9	3	5	0	5	3	7	2	6	3	4	6	3	5	7	1	8	4	0	3	4	4	1	9	0	1	4	5	6
General Body System																																
NONE																																
Genital System																																
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							1														2											
Duct, Dilatation													3				3				2		2								2	
Inflammation	2						1	3					2		2	3	3		1			3	2	3	2		2				2	4
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		3	4	1	3	3	2	3	3	4	3	4	4	4	2	4	2	4	4	4	4	4		1	4	4	4	2	4	3	2
Corpus Luteum, Cyst																																
Cyst									X	X	X		X	X			X	X	X		X	X			X	X			X			
Granulosa Cell, Hyperplasia																																
Hyperplasia, Sertoliform		1							1												1	2			1		2	2	1	3	2
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Hyperplasia																			3	2			2							2	2
Endometrium, Hyperplasia, Cystic		2							3					2				2	2			1			2	1	3				
Hyperplasia, Atypical, Focal					1						3			2			1	1				1			2		1	2	1		
Inflammation								1																								
Metaplasia, Squamous					1				1	2	2			2														2	1		
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Inflammation			2					2					3	1	2	2		1	1			3	2	1	1						

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	056	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	069	070	070	071	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0018	0072	0123	0129	0143	0155	0170	0195	0203	0207	0212	0216	0223	0224	0236	0253	0265	0277	0291	0308	0314	0330	0343	0344	0351	0419	0420	0421	0474	0475	0476
Mucocyte, Hyperplasia		2	2	3			2	2			3		2		1	2	3	2		2		2	3	3	2			1		3	3
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+			+				+					+		+											
Deep Cervical, Hyperplasia, Lymphoid									2																						
Deep Cervical, Infiltration Cellular, Plasma Cell									2																						
Lumbar, Degeneration, Cystic																		2													
Lumbar, Hyperplasia, Lymphoid																		2													
Lumbar, Infiltration Cellular, Plasma Cell																		3													
Mediastinal, Hemorrhage													3																		
Mediastinal, Pigmentation													3																		
Pancreatic, Hemorrhage																															
Pancreatic, Pigmentation																															
Popliteal, Degeneration, Cystic																															
Popliteal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic															2	2	1														
Hyperplasia, Lymphoid														2					2									3		2	
Infiltration Cellular, Plasma Cell			2		2		2	2	2	2	3	2	3		2	3	2	2			2	2	3		2	3	3	2	2	2	2
Inflammation, Suppurative															2																
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	056	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	069	070	070	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0018	0072	0123	0129	0143	0155	0170	0195	0203	0207	0212	0216	0223	0224	0236	0253	0265	0277	0291	0308	0314	0330	0343	0344	0351	0419	0420	0421	0474	0475	0476
Degeneration, Cystic																															
Depletion Lymphoid																															
Hemorrhage																															
Hyperplasia, Lymphoid																		2				2									
Infiltration Cellular, Plasma Cell																															
Sinus, Dilatation																															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation			3				3										1						2		1						
Pigmentation	3	4		3	2			3	3		2	2	3	2	2	2		1	3		2	1	2	2	1	2	3	2	3	2	2
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Cyst	X			X				X	X		X		X			X			X				X				X	X	X		
Hemorrhage																3															
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia		2	2	2	1	1	2	2	3	1	1			2				2	2	2		2	3	2	1	3	3	2		3	3
Atypical Focus							2	1								2			2			1		1		2	1	2	2		1
Duct, Dilatation																										4	2				
Galactocele		X	X																							X					X
Lactation		3	1	2			1	2	2		1			3				2	2	2		3			1	3	2	2	2		1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation								2		2			2					4				4									
Musculoskeletal System																															

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	056	058	059	059	061	062	064	065	065	065	065	066	066	066	067	068	068	068	069	070	070	071	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0018	0072	0123	0129	0143	0155	0170	0195	0203	0207	0212	0216	0223	0224	0236	0253	0265	0277	0291	0308	0314	0330	0343	0344	0351	0419	0420	0421	0474	0475	0476
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																									+						
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression	3	3	2					3	3		3	3	3	3		3		1	3	1	2	3			2	3	2				
Hemorrhage																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																					2										
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus								2	2		1					2															
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																															
Artery, Mineralization																								1							
Hemorrhage				2																									2		
Infiltration Cellular, Histiocyte														1	1					2	1		1			1		4		2	
Infiltration Cellular, Lymphocyte																															
Inflammation				3																					1			2			
Perivascular, Inflammation																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body			X																												
Inflammation			3																				2								

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	051	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	070	070	071	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0001	0002	0012	0012	0014	0015	0017	0019	0020	0020	0021	0021	0022	0022	0023	0025	0025	0027	0029	0030	0031	0031	0033	0033	0034	0035	0041	0042	0042	0047	0047	0047
	8	2	3	9	3	5	0	5	3	7	2	6	3	4	6	3	4	7	1	8	4	0	0	3	4	1	9	0	1	4	5	6
Nasolacrim Dct, Inflammation					2		1				2		2	2	1	2	1	2	2	2			2	2	2	1	1	1		1		
Olfactory Epi, Hyaline Droplet			2												1						2											
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																												1				
Special Senses System																																
Eye	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Cataract												X																				
Bilateral, Retina, Degeneration																																2
Cataract																											X					
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																			1				1					1	1			
Infiltration Cellular, Lymphocyte																	1															
Inflammation								1																								1
Urinary System																																
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst			X	X																X												X
Degeneration, Mucoid				2																												
Hemorrhage																					2											
Hydronephrosis																					2											
Infiltration Cellular, Lymphocyte																															1	
Mineralization						2			1		1	2	2	1	3				1						1	2	1	1	1	2	2	1
Nephropathy														1	1		1	1							1		1					

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CD Rat Female
F1 50 PPB

DAY ON TEST	028	051	058	059	059	061	062	064	065	065	065	065	066	066	067	068	068	068	070	070	071	072	072	072	073	075	075	075	075	075	075
ANIMAL ID	0018	0072	0123	0129	0143	0155	0170	0195	0203	0207	0212	0216	0223	0224	0236	0253	0265	0277	0291	0308	0314	0330	0343	0344	0351	0419	0420	0421	0474	0475	0476
Polycystic Kidney																						2									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Dilatation																					3										
Hemorrhage																					3										

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CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	2.0
Inflammation																				1	4.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				1	3.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				1	3.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis																				1	3.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				1	2.0
Basophilic Focus												X								1	
Bile Duct, Hyperplasia	1					1			1						1	1	1			10	1.2
Degeneration, Cystic																		2		2	1.5
Eosinophilic Focus									X										X	5	
Hematopoietic Cell Proliferation																				1	2.0
Hepatodiaphragmatic Nodule																				1	
Infiltration Cellular, Lymphocyte				1																1	1.0

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CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0		*TOTALS	
Inflammation, Chronic Active									1												5	1.0
Periportal, Inflammation, Chronic		1				1	1					1									5	1.0
Tension Lipidosis																					1	
Vacuolization Cytoplasmic																					2	2.0
Mesentery																					1	
Fat, Necrosis																					1	2.0
Oral Mucosa		+												+							4	
Gingival, Inflammation		3																			1	3.0
Keratin Cyst		X												X							2	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Acinar Cell, Degeneration				2			2	2	1		2	2		2	2	1		1	1		24	1.8
Acinar Cell, Hyperplasia																					1	1.0
Inflammation, Chronic																					1	2.0
Lipomatosis												3									2	3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50	
Edema																					2	3.0
Hyperplasia																					1	2.0
Ulcer																					1	3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50	
Inflammation																					1	1.0

Cardiovascular System

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

CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0	*TOTALS	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1								1		1	1			2					12	1.3
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				2	2.0
Cyst																				1	4.0
Degeneration, Cystic	3	2	2	2	2	3	2	2	3	3	1	3	3	3	3	2	3	3	3	45	2.5
Hematopoietic Cell Proliferation																				1	2.0
Hypertrophy							2			2				2						7	2.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	43	
Hyperplasia																				1	2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia																2				2	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C Cell, Hyperplasia				2																4	2.0
Follicular Cel, Hyperplasia				1																1	1.0
Inflammation, Chronic																				2	1.0
Ultimobranchial Cyst		3	2												2					5	2.2

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2) Mild 4) Marked

CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0	*TOTALS	
General Body System																					
NONE																					
Genital System																					
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				2	1.5
Duct, Dilatation			3	2	3					3										9	2.6
Inflammation	3	3		3	3	2	2	2		2	1			2	2	2			2	28	2.3
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy	2	4	4	3	2	4	2		4	3	4	2	4	4	4	4	4	3		46	3.3
Corpus Luteum, Cyst								X		X										2	
Cyst				X	X	X			X	X	X		X				X		X	22	
Granulosa Cell, Hyperplasia																3				1	3.0
Hyperplasia, Sertoliform	1	2	1	1	2		2					2	2	3	2		2	1	2	23	1.7
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Endometrium, Hyperplasia			2			2							4	2	3			4	2	12	2.5
Endometrium, Hyperplasia, Cystic			2	2					2		2	2	2			2			2	17	2.0
Hyperplasia, Atypical, Focal	1	1	2	1	2	2							2	1	2	2				20	1.6
Inflammation																				1	1.0
Metaplasia, Squamous		2	2			2			2				1		1					13	1.6
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation		2			1							2		2		2				17	1.8

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

CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0		*TOTALS	
Mucocyte, Hyperplasia	3	2	3	2	3		2	3	3	3	3		1	1				3	3		33	2.4
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymph Node				+			+								+	+	+			10		
Deep Cervical, Hyperplasia, Lymphoid																					1	2.0
Deep Cervical, Infiltration Cellular, Plasma Cell																					1	2.0
Lumbar, Degeneration, Cystic				3			3								2	2					5	2.4
Lumbar, Hyperplasia, Lymphoid															2	2					3	2.0
Lumbar, Infiltration Cellular, Plasma Cell				3			3								3	3					5	3.0
Mediastinal, Hemorrhage																					1	3.0
Mediastinal, Pigmentation																					1	3.0
Pancreatic, Hemorrhage																	2				1	2.0
Pancreatic, Pigmentation																	2				1	2.0
Popliteal, Degeneration, Cystic				3																	1	3.0
Popliteal, Infiltration Cellular, Plasma Cell				4																	1	4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration, Cystic	3		2	3	2												4				8	2.4
Hyperplasia, Lymphoid										2											5	2.2
Infiltration Cellular, Plasma Cell	2	2	2	2	3	3	2		2	3		2	3	3	1	3		2	3		39	2.3
Inflammation, Suppurative																					1	2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

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CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0	*TOTALS	
Degeneration, Cystic																			2	1	2.0
Depletion Lymphoid													3							1	3.0
Hemorrhage					2											2				2	2.0
Hyperplasia, Lymphoid																				2	2.0
Infiltration Cellular, Plasma Cell										2										1	2.0
Sinus, Dilatation													4							1	4.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation								2												6	2.0
Pigmentation	2	1	2	3		3	2	1	3	1	2	2	2	3	1	1	1	3	3	43	2.2
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst		X		X	X		X											X		17	
Hemorrhage																				1	3.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolus, Hyperplasia	3		3	2	3	2	3	3	3	3	1	2	2	2	2	2	2	3		40	2.2
Atypical Focus	2	1	2	2	1			1				2		2	1	2	1		3	23	1.6
Duct, Dilatation									2					3						4	2.8
Galactocele				X							X									6	
Lactation			2	2	1	2		3	2		2	2	1		2	3	2			30	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation				4						4										7	3.1
Musculoskeletal System																					

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CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	756		
ANIMAL ID	0052 0	0052 1	0052 2	0052 3	0052 4	0056 7	0056 8	0056 9	0057 0	0062 1	0062 2	0062 3	0066 6	0066 7	0066 8	0066 9	0067 0	0072 2	0077 0	*TOTALS	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression			3	2					2		3	3		3				2	2	26	2.5
Hemorrhage														1						1	1.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus			1																	2	1.5
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																		2		5	1.8
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia						2														1	2.0
Artery, Mineralization																2	2			3	1.7
Hemorrhage																				2	2.0
Infiltration Cellular, Histiocyte	3				2				2		1	2		2	2	2				16	1.8
Infiltration Cellular, Lymphocyte										1										1	1.0
Inflammation																				3	2.0
Perivascular, Inflammation																			1	1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body																				1	
Inflammation																				2	2.5

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CD Rat Female
F1 50 PPB

DAY ON TEST	757	757	757	757	757	758	758	758	758	761	761	761	762	762	762	762	762	762	756		
ANIMAL ID	005 20	005 21	005 22	005 23	005 24	005 67	005 68	005 69	005 70	006 21	006 22	006 23	006 66	006 67	006 68	006 69	006 70	007 22	007 70	*TOTALS	
Nasolacrim Dct, Inflammation	2	2	1		1			3		2	2	2			2	2		3	1	30	1.7
Olfactory Epi, Hyaline Droplet												2		1			2			6	1.7
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																		1	1	3	1.0
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Bilateral, Cataract																				1	
Bilateral, Retina, Degeneration				2				2		2										4	2.0
Cataract																				1	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia										1										5	1.0
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation		2	2																	4	1.5
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst									X	X									X	7	
Degeneration, Mucoid																				1	2.0
Hemorrhage																				1	2.0
Hydronephrosis																				1	2.0
Infiltration Cellular, Lymphocyte																				1	1.0
Mineralization	1	3	3	2	2	2	1	1	2	2	1	1	2	2	2	2	2		2	34	1.7
Nephropathy			1	1	1	1			1	1		1		1		2	1		1	17	1.1

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Polycystic Kidney																					1	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Dilatation																					1	3.0
Hemorrhage																					1	3.0

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	087	406	452	503	509	515	514	530	538	542	569	592	597	618	618	620	632	634	661	666	670	673	675	683	689	685	725	729	730	737	736
ANIMAL ID	0003	0036	0045	0065	0066	0073	0074	0078	0080	0084	0106	0133	0142	0163	0164	0165	0178	0181	0220	0235	0237	0239	0248	0256	0270	0273	0339	0341	0352	0366	0377
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation									4																						
Necrosis		4																													
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																															
Erosion		3																													
Inflammation, Chronic	2																														
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																											1				
Basophilic Focus			X																												
Bile Duct, Hyperplasia																			2												1
Capsule, Hemorrhage, Focal																															
Cyst																															
Cyst Multilocular																					X										
Degeneration, Cystic																												2			
Eosinophilic Focus																															

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	087	406	452	503	509	515	514	530	538	542	569	592	597	618	618	620	632	634	661	666	670	673	675	683	689	685	725	729	730	737	736
ANIMAL ID	0003	0036	0045	0065	0066	0073	0074	0078	0080	0084	0106	0133	0142	0163	0164	0165	0178	0181	0220	0235	0237	0239	0248	0256	0270	0273	0339	0341	0352	0366	0377
Hematopoietic Cell Proliferation																		2	1												
Hepatodiaphragmatic Nodule																									X					X	
Inflammation, Chronic Active														1	1																
Median Lobe, Developmental Malformation																															
Necrosis		3																													
Oval Cell, Hyperplasia																															
Periportal, Inflammation, Chronic	3																														
Vacuolization Cytoplasmic				2																	2	1						2			
Mesentery		+																									+				
Cyst		X																													
Fat, Necrosis		3																									3				
Oral Mucosa														+							+	+									
Keratin Cyst														X																	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			1		1							1		1	2				2		2						2	2			
Inflammation, Chronic	4																														
Lipomatosis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic	3																														
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																									2						
Hyperplasia				2																					2						
Inflammation													3																		

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	087	406	452	503	509	515	514	530	538	542	569	592	597	618	618	620	632	634	661	666	670	673	675	683	689	685	725	729	730	737	736
ANIMAL ID	0003	0036	0045	0065	0066	0073	0074	0078	0080	0084	0106	0133	0142	0163	0164	0165	0178	0181	0220	0235	0237	0239	0248	0256	0270	0273	0339	0341	0352	0366	0377
Keratin Cyst														X																	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte	2																														
Inflammation													2																		
Tooth						+																									
Dysplasia						3																									
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																															
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy							1			1					1			1	2			2	1		1		1		1		
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis								1																							
Atrophy												2																			
Degeneration, Cystic		1	3	2		2				3	3		3	3	2	3	2	4	2	3	2	4	3	3	2	4	3	3	4	1	
Hypertrophy				2																					2						
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																		1													
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				1																											
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+

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2) Mild 4) Marked

CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	087	406	452	503	509	515	514	530	538	542	569	592	597	618	618	620	632	634	661	666	670	673	675	683	689	685	725	729	730	737	736
ANIMAL ID	0003	0036	0045	0065	0066	0073	0074	0078	0080	0084	0106	0133	0142	0163	0164	0165	0178	0181	0220	0235	0237	0239	0248	0256	0270	0273	0339	0341	0352	0366	0377
Hyperplasia																2															
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																					X										
Pars Distalis, Hyperplasia																					2										
Pars Intermed, Cyst																						X									
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Hyperplasia																															
Infiltration Cellular, Lymphocyte																															
Ultimobranchial Cyst																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3																													2	
Duct, Dilatation				3	3										3						2				2			2	2	2	2
Duct, Hyperplasia, Squamous																															
Infiltration Cellular, Lymphocyte																															
Inflammation		2	2	2		2	1	2	2						1			2			2	3	1	1	1		2	2	2	2	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3		2	3		3	2		1	3	3	2	4	1	3	4	2	4	4	4	2	4	4	4		4	4	4	3	4	4
Corpus Luteum, Cyst																													X		
Cyst											X							X				X		X		X					X

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CD Rat Female
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Hyperplasia, Sertoliform		1		2			1			1															2		2	2			2
Interstit Cell, Hyperplasia																															
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pigmentation																														2	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy									2																						
Endometrium, Hyperplasia																															
Endometrium, Hyperplasia, Cystic			2		1					2	2						2	2				2	1	2	3	1		2			2
Hyperplasia, Atypical, Focal																													1		
Hypoplasia	3																														
Inflammation				1		2																				1					
Metaplasia, Squamous										2																		1			
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage															2																
Inflammation					2	2							3						1		3	2			4	1		1		2	2
Mucocyte, Hyperplasia		3					2	3	3			3			2		2	2		3	2			1	3	2	3		3		1
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Myeloid Cell, Hyperplasia	2											2																			
Lymph Node	+																					+				+		+	+		+
Degeneration, Cystic																															
Infiltration Cellular, Plasma Cell																															4

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Inguinal, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																						3						2	4		
Lumbar, Hemorrhage																															
Lumbar, Hyperplasia, Lymphoid	3																														
Lumbar, Infiltration Cellular, Plasma Cell																												2			
Pancreatic, Hyperplasia, Lymphoid																															
Renal, Hyperplasia, Lymphoid	3																														
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic				1																	2	2									
Hyperplasia, Lymphoid	3																		2			2							2		
Infiltration Cellular, Plasma Cell	3		2				2		2	2	2	2		3	2	2	2	3	3	2	3	2	2	2	1		2	3	2	3	2
Inflammation, Suppurative																						2									
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Depletion Lymphoid																									3						
Hemorrhage																															
Hyperplasia, Lymphoid	2																2				2										
Infiltration Cellular, Plasma Cell																															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation											1				2			2	2		2					3					
Pigmentation				3		3	2		3	2				2		2	3			1		1		1	2		1	2		3	2
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	M	M	+	M	+	+	+	+	+	+	+	+
Cyst				X	X							X							X					X			X	X			

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CD Rat Female
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Hemorrhage												3																			
Hyperplasia, Lymphoid																														2	
Inflammation, Chronic	2																														
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia		1	1	2			2		2		2	2			2	2	3	2	2	2			2		4		3	3	2	2	
Atypical Focus												2					2								2				2		
Galactocele													X															X			
Lactation				2		2	2			2	2	2			2	1	3	3	2	2			2		3	2			2	2	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																															
Hyperkeratosis																															
Inflammation		4		1							2	4								3		3			4					3	4
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				3			3			3	1	4				2	2		3	3				3	3	2	3	3		3	3
Hemorrhage							2																								
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																															

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CD Rat Female
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Hydrocephalus																											1	2			
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																															
Hydrocephalus												2				2									2						
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia															1																
Artery, Mineralization																															
Autolysis		2																													
Hemorrhage																															
Infiltration Cellular, Histiocyte																						2			2						
Inflammation																			1												
Peribronchial, Inflammation, Chronic	3																														
Perivascular, Inflammation																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Goblet Cell, Hyperplasia																															
Inflammation	3					2						1										3					1				
Nasolacrim Dct, Inflammation			2												2	2	2	2	1	2	2			1	2			2	2	2	2
Respirat Epith, Hyaline Droplet																															
Respirat Epith, Hyperplasia																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																															

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Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Cataract		X									X																				
Bilateral, Retina, Degeneration																															
Cataract									X																						
Retina, Autolysis						4			4																						
Retina, Degeneration																															
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration																															
Hyperplasia																			1												
Infiltration Cellular, Lymphocyte																		2													
Inflammation	2				1																									1	
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																						X	X		X						
Degeneration, Mucoid								2																							
Inflammation	3																														
Mineralization		2	2		1	2	2			1	3		1		2	3	2			3	2	2	1				2	3		1	
Nephropathy				2															1				1	1	1						1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	748	756	756	756	752	757	757	757	757	758	757	761	762	762	763	763	762	762	762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0055 6	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				1	4.0
Necrosis																				1	4.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Dilatation													2							1	2.0
Erosion																				1	3.0
Inflammation, Chronic																				1	2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis							2													2	1.5
Basophilic Focus																				1	
Bile Duct, Hyperplasia							2			2		1		2			2			7	1.7
Capsule, Hemorrhage, Focal								2												1	2.0
Cyst		X															X			2	
Cyst Multilocular		X																		2	
Degeneration, Cystic					3			2												3	2.3
Eosinophilic Focus			X	X																2	

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	748	756	756	756	752	757	757	757	757	758	757	761	762	762	763	763	762	762	762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0056 0	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Hematopoietic Cell Proliferation																				2	1.5
Hepatodiaphragmatic Nodule																				2	
Inflammation, Chronic Active	4																			3	2.0
Median Lobe, Developmental Malformation					X															1	
Necrosis	2																			2	2.5
Oval Cell, Hyperplasia	3																			1	3.0
Periportal, Inflammation, Chronic												1		1						3	1.7
Vacuolization Cytoplasmic				2				2			3				2			2		9	2.0
Mesentery																					2
Cyst																				1	
Fat, Necrosis																				2	3.0
Oral Mucosa		+									+										5
Keratin Cyst											X									2	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Acinar Cell, Degeneration		3	2	2	1	1			1	2					1		2	2		19	1.6
Inflammation, Chronic																				1	4.0
Lipomatosis								2												1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Inflammation, Chronic	3																			2	3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Edema								2			3									3	2.3
Hyperplasia					2						3									4	2.3
Inflammation											2									2	2.5

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CD Rat Female
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Keratin Cyst																				1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Lymphocyte																				1	2.0
Inflammation																				1	2.0
Tooth																				1	
Dysplasia																				1	3.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization		1																		1	1.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy		1	2		1		2	1	2	1		1		1	2	2	1			22	1.3
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				1	1.0
Atrophy																				1	2.0
Degeneration, Cystic	3	4	4	3	2	3	2	3	3	2	2	4	2	2	3	4	3	3	1	43	2.7
Hypertrophy																				2	2.0
Adrenal Medulla	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia																				1	1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																				1	1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	46	

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DAY ON TEST	748	756	756	756	752	757	757	757	757	758	757	761	762	762	763	763	762	762	762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0056 0	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Hyperplasia																				1	2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia																	2			2	2.0
Pars Intermed, Cyst																				1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicular Cel, Hyperplasia				3																1	3.0
Infiltration Cellular, Lymphocyte									1											1	1.0
Ultimobranchial Cyst						2														1	2.0
General Body System																					
NONE																					
Genital System																					
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy														2						3	2.3
Duct, Dilatation	2	3		2	2		2					3	2	2						17	2.3
Duct, Hyperplasia, Squamous									1											1	1.0
Infiltration Cellular, Lymphocyte										2										1	2.0
Inflammation	2	2	1	1	2	2	4	2			3	3			2	3	2		2	32	2.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy	4	4	4	4	4	4	4	1	4	4	4	3	2	2	2	4	2	4	2	46	3.2
Corpus Luteum, Cyst																				1	
Cyst					X		X		X	X				X	X					12	

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

CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	748	756	756	756	752	757	757	757	757	758	757	761	762	762	763	763	762	762	762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0055 6	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Hyperplasia, Sertoliform	3	2		1		2				1		2	1	1		1	1	2	1	20	1.6
Interstit Cell, Hyperplasia	3											2								2	2.5
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pigmentation																				1	2.0
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				1	2.0
Endometrium, Hyperplasia											1						2			2	1.5
Endometrium, Hyperplasia, Cystic	1	3	2	1		2	2		2	2						3	2			23	1.9
Hyperplasia, Atypical, Focal		2		1	2	1	2	1	1				1					1		10	1.3
Hypoplasia																				1	3.0
Inflammation																				3	1.3
Metaplasia, Squamous				2	1	1			2											6	1.5
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	2.0
Inflammation	2			1				1			4						2		1	17	2.0
Mucocyte, Hyperplasia	2	2	3		2	2	3	1	3	3		3	2	2	3	3	2	2	2	33	2.4
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Myeloid Cell, Hyperplasia																				2	2.0
Lymph Node	+	+		+	+						+		+		+			+	+	15	
Degeneration, Cystic													2							1	2.0
Infiltration Cellular, Plasma Cell				4									2							3	3.3

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	748	756	756	756	752	757	757	757	757	758	757	761	762	762	763	763	762	762	762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0055 0	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Inguinal, Infiltration Cellular, Plasma Cell															4					1	4.0
Lumbar, Degeneration, Cystic		3		3											3			3		7	3.0
Lumbar, Hemorrhage	3																			1	3.0
Lumbar, Hyperplasia, Lymphoid											2				3			3		4	2.8
Lumbar, Infiltration Cellular, Plasma Cell	3	3		3							2							3	3	7	2.7
Pancreatic, Hyperplasia, Lymphoid					2															1	2.0
Renal, Hyperplasia, Lymphoid																				1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic	2	2						2	2						2					8	1.9
Hyperplasia, Lymphoid		2					2	2			2		1	3						10	2.1
Infiltration Cellular, Plasma Cell	3	3	3	2	2	2	2	2	3		2	2			3	2	2	2	2	40	2.3
Inflammation, Suppurative																				1	2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic															2					1	2.0
Depletion Lymphoid																				1	3.0
Hemorrhage	2																			1	2.0
Hyperplasia, Lymphoid																				3	2.0
Infiltration Cellular, Plasma Cell		2																		1	2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation	2				2				2	1		2				1	1			13	1.8
Pigmentation	2	2				2	1				2	2	1	1		1	1	1	2	28	1.8
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Cyst	X						X	X	X				X				X			13	

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	748	756	756	756	752	757	757	757	757	758	757	761	762	762	763	763	762	762	762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0055 6	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Hemorrhage																				1	3.0
Hyperplasia, Lymphoid																				1	2.0
Inflammation, Chronic																				1	2.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolus, Hyperplasia	1	2	4			2	2	3	2	2	4	2	2	2	3	1	3	4	3	36	2.3
Atypical Focus		1	2			1		2		2		2		1		4		3		13	2.0
Galactocele				X																3	
Lactation	1	1		2		1	2	2	2	2	2	2					1			29	1.9
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion					X															1	
Hyperkeratosis																	2			1	2.0
Inflammation	4		4	4	4		4	4	4		4	3		4	4	4		4	4	23	3.6
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression	3		3				3	2	2		3							3		23	2.7
Hemorrhage	1																			2	1.5
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage	1																			1	1.0

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	0748	0756	0756	0756	0752	0757	0757	0757	0757	0758	0757	0761	0762	0762	0763	0763	0762	0762	0762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0055 0	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Hydrocephalus											2									3	1.7
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage	2																			1	2.0
Hydrocephalus																				3	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia																				1	1.0
Artery, Mineralization											1		1	2						3	1.3
Autolysis																				1	2.0
Hemorrhage	1																			1	1.0
Infiltration Cellular, Histiocyte								2				2		2			1		2	7	1.9
Inflammation	2																		1	3	1.3
Peribronchial, Inflammation, Chronic																				1	3.0
Perivascular, Inflammation														2						1	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Goblet Cell, Hyperplasia	2																			1	2.0
Inflammation						2										2	2		3	9	2.1
Nasolacrim Dct, Inflammation	2	1		2	2			2			1				2	2	2	2	2	25	1.8
Respirat Epith, Hyaline Droplet																2				1	2.0
Respirat Epith, Hyperplasia									1											1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation				1																1	1.0

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CD Rat Female
F1/2PPB TO CTL

DAY ON TEST	0748	0756	0756	0756	0752	0757	0757	0757	0757	0758	0757	0761	0762	0762	0763	0763	0762	0762	0762		
ANIMAL ID	0039 6	0041 2	0041 3	0041 4	0045 0	0046 5	0046 6	0046 7	0051 2	0055 6	0060 3	0061 3	0065 9	0066 0	0071 4	0071 5	0071 6	0071 7	0076 7	*TOTALS	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Cataract																				2	
Bilateral, Retina, Degeneration								2												1	2.0
Cataract												X								2	
Retina, Autolysis																				2	4.0
Retina, Degeneration				2	1															2	1.5
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Epithelium, Degeneration																		1		1	1.0
Hyperplasia	2																			2	1.5
Infiltration Cellular, Lymphocyte																1				2	1.5
Inflammation			1		1			1									1			7	1.1
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst	X							X		X			X	X	X		X		X	11	
Degeneration, Mucoid																				1	2.0
Inflammation																				1	3.0
Mineralization	2			2			2	3	2	2	2	2	3	3	3			2		30	2.1
Nephropathy	2	1	2	1		2		1		2		1	1		1	1	1	1		19	1.3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	068	070	070	071	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation							4															4										
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis			2				2																									2
Basophilic Focus																							X									
Bile Duct, Hyperplasia												2	1			1		1			2		1			2	2					1
Cyst																			X													X
Cyst Multilocular																					X											
Degeneration, Cystic															2	1					2											
Eosinophilic Focus																					X											
Hematopoietic Cell Proliferation									1																							
Infiltration Cellular, Lymphocyte																																
Inflammation, Chronic Active						1		1		1						1														1		
Periportal, Inflammation, Chronic																										1						
Vacuolization Cytoplasmic									2					2								2		3	4							

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	068	070	070	071	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Mesentery																																
Oral Mucosa														+	+				+					+	+			+			
Keratin Cyst														X	X				X					X							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration				2			1			2	2			3	1						3			1	2	2			2	2	3
Acinar Cell, Hyperplasia																															
Artery, Inflammation, Chronic	2																														
Lipomatosis													2																		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic																				1											
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer						3																									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy			1		1	1				1				1		1					1	2								1	
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis		2	2	2																											
Degeneration, Cystic					3	2	3	3		3	3	3	3	3	3	3	2	3	3	2	3	2	3	2	2	3	1	2	3	3	3
Hematopoietic Cell Proliferation		1																													

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	067	068	070	070	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Hypertrophy																									3						
Adrenal Medulla	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																	2														
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis		2	2																												
Pars Distalis, Cyst		X																													
Pars Distalis, Hyperplasia				2																											
Pigmentation																															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia										2		1									3										
Follicle, Cyst																2															
Follicular Cel, Hyperplasia															1				2												
Inflammation, Chronic																															
Ultimobranchial Cyst									2																						
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Duct, Dilatation																		2			2	2			2	2					

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	067	070	070	071	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Duct, Hyperplasia, Squamous																															
Hyperplasia																															
Inflammation				2	3			2	3	1	2		1			2		2	3		3	3	2		2	3			2		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			3	2	2	3	3	3	1	3	1	4	3	4	2	4	4	4		2		4	4	2	2	4	2	4	4	3	4
Cyst				X	X								X			X			X	X	X	X				X	X	X	X		
Hyperplasia, Sertoliform	2			1	2		1	1	1														2						4	1	2
Interstit Cell, Hyperplasia																			3												3
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2																		2												
Cervix, Hyperplasia																													2		
Endometrium, Hyperplasia																														1	
Endometrium, Hyperplasia, Cystic								2		3																2			2	1	3
Hyperplasia, Atypical, Focal			1							1							1												2	2	2
Inflammation																		2													
Metaplasia, Squamous										1			1				1									1					
Vagina	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Inflammation						3		2	3			2			2	2		1	2	3					3			1			
Mucocyte, Hyperplasia			3			3	1		3	3	3		2		3		3			3		1					4	2	2	4	2
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	067	068	070	070	071	071	071	072	073	073	074	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Hyperplasia																					2										
Lymph Node																					+				+	+		+		+	
Axillary, Hyperplasia, Lymphoid																															
Axillary, Infiltration Cellular, Plasma Cell																															
Inguinal, Hyperplasia, Lymphoid																															
Inguinal, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																					4				3	3				3	
Lumbar, Hyperplasia, Lymphoid																					2					2				2	
Lumbar, Infiltration Cellular, Plasma Cell																					2				2	3				3	
Mediastinal, Hemorrhage																															
Mediastinal, Hyperplasia, Lymphoid																					2										
Mediastinal, Sinus, Dilatation																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic			2														2		2			2									
Hyperplasia, Lymphoid															2	2				2							2			3	2
Infiltration Cellular, Plasma Cell			2				3	2	2	2	2	2	1	2		2	2	3	3	2	2	2	2		3	3	2		2	3	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage		2																													
Hyperplasia, Lymphoid											2													2		2					
Infiltration Cellular, Plasma Cell																														2	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	2	3			2				2		1				2	2	2				3				1						
Hyperplasia, Lymphoid																									2						

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	068	070	070	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Pigmentation						3	3	2	2	1		2						2	2	2				2		3	2		1		1
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst						X							X	X						X		X			X	X	X			X	
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia					2	1		2	2	1	1	1	2	1	2	2	2	3	2	2	3	2	3	4	3	1	4	3	3	3	2
Atypical Focus								2								1	2	2			3			1	2				3	1	
Duct, Dilatation																															
Galactocele						X										X															
Lactation					2	1		2	1	2		2	2	2		2	2	2	1	2	2				2	1		2	3	1	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			4					2				3	4									4	4	4	4	4		4		4	
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteopetrosis											2																				
Skeletal Muscle									+							+											+	+			
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression						3	2	3	3	3		4	2			4		3		3		2	1			3	3	3			
Hemorrhage																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	068	070	070	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0102	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																				2						2					
Peripheral Nerve									+							+															
Spinal Cord									A							A															
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia								1																							
Artery, Mineralization																															
Infiltration Cellular, Histiocyte																					1					2	2				
Inflammation																			2				2								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body																															
Goblet Cell, Hyperplasia																															
Inflammation																		2					1		2						
Nasolacrim Dct, Inflammation						2				2		2		2	2	2	2		2	1	2	2		1	2	2	3			1	2
Olfactory Epi, Hyaline Droplet																		2					1								
Osteopetrosis											2																				
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																															1
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration							2												3										2		3

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	025	047	049	051	051	053	054	056	056	061	063	063	064	064	066	067	068	070	070	071	071	071	071	072	073	073	073	074	074	075	075	075
ANIMAL ID	0015	0053	0058	0067	0075	0082	0086	0012	0105	0154	0177	0185	0186	0196	0232	0245	0266	0292	0293	0318	0320	0327	0333	0354	0370	0378	0392	0393	0417	0418	0470
Cataract										X												X									
Retina, Degeneration					2																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															
Infiltration Cellular, Lymphocyte								2																							
Inflammation																		2		1		2				1					
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hydronephrosis					3																										
Cyst										X			X		X	X			X	X	X	X			X	X			X		X
Degeneration, Mucoid																				1											
Epithelium, Pelvis, Hyperplasia																				2											
Hydronephrosis																															
Mineralization			2	1		1	2		2	2	3				2	2		1	1		2		2		1	2	1		1		2
Nephropathy							1			1	1			1		2						1		1	1						
Renal Tubule, Accumulation, Hyaline Droplet					2																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation					2																										

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0055 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				2	4.0
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						2														4	2.0
Basophilic Focus																				1	
Bile Duct, Hyperplasia			1			1	1		1					2		1	2			16	1.4
Cyst																				2	
Cyst Multilocular																				1	
Degeneration, Cystic				1			2													5	1.6
Eosinophilic Focus				X					X					X		X				5	
Hematopoietic Cell Proliferation																				1	1.0
Infiltration Cellular, Lymphocyte												1								1	1.0
Inflammation, Chronic Active		1																		6	1.0
Periportal, Inflammation, Chronic			1	1			1							1						5	1.0
Vacuolization Cytoplasmic					2			2						1	3			1	2	11	2.2

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763			
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0055 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS		
Mesentery									+											1		
Oral Mucosa			+																	7		
Keratin Cyst																					4	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Acinar Cell, Degeneration	1			1	2	2			3	1	3	2		2	2	1	1		2		26	1.9
Acinar Cell, Hyperplasia								2													1	2.0
Artery, Inflammation, Chronic																					1	2.0
Lipomatosis										2		2									3	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic																					1	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Ulcer																					1	3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cardiomyopathy	1					1			1	1		1		1			1				16	1.1
Endocrine System																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Angiectasis																					3	2.0
Degeneration, Cystic	2		3	2	3	3	3	3	3	3	1	2	3	4	2	3	3	2	1		44	2.6
Hematopoietic Cell Proliferation																					1	1.0

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0056 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Hypertrophy		2																		2	2.5
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	48	
Hyperplasia																				1	2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	44	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				2	2.0
Pars Distalis, Cyst																				1	
Pars Distalis, Hyperplasia												2		1					3	4	2.0
Pigmentation									3											1	3.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C Cell, Hyperplasia																				3	2.0
Follicle, Cyst																				1	2.0
Follicular Cel, Hyperplasia																				2	1.5
Inflammation, Chronic											1									1	1.0
Ultimobranchial Cyst							3													2	2.5
General Body System																					
NONE																					
Genital System																					
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy															2					1	2.0
Duct, Dilatation					3	4								2					3	9	2.4

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0056 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Duct, Hyperplasia, Squamous													2							1	2.0
Hyperplasia		2																		1	2.0
Inflammation		1			2	3	1	2		1	2	3	2	3		3		2	3	29	2.2
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy	4	3	2	2	4	4	3	2	2		2	2	2	2	3	2	4	4	4	45	2.9
Cyst			X												X		X			15	
Hyperplasia, Sertoliform	3	1			2	2	3					2		2		1	1			19	1.8
Interstit Cell, Hyperplasia																				2	3.0
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				2	2.0
Cervix, Hyperplasia																				1	2.0
Endometrium, Hyperplasia		2														2	2	2		5	1.8
Endometrium, Hyperplasia, Cystic	1		3								1			1		2	1			12	1.8
Hyperplasia, Atypical, Focal						2														7	1.6
Inflammation								1												2	1.5
Metaplasia, Squamous						1													1	6	1.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Inflammation				1		1			2										2	15	2.0
Mucocyte, Hyperplasia	1	4	3	1		1	3	2	2	2	3	2	3	3	2	3	2	3		33	2.5
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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2) Mild 4) Marked

CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0055 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Hyperplasia																				1	2.0
Lymph Node		+				+	+				+					+	+		+	12	
Axillary, Hyperplasia, Lymphoid											3									1	3.0
Axillary, Infiltration Cellular, Plasma Cell											4									1	4.0
Inguinal, Hyperplasia, Lymphoid											3									1	3.0
Inguinal, Infiltration Cellular, Plasma Cell											3									1	3.0
Lumbar, Degeneration, Cystic		3				4	4									3			3	9	3.3
Lumbar, Hyperplasia, Lymphoid		2									3						2		3	7	2.3
Lumbar, Infiltration Cellular, Plasma Cell		3					3				3					2	2		3	10	2.6
Mediastinal, Hemorrhage																3				1	3.0
Mediastinal, Hyperplasia, Lymphoid																				1	2.0
Mediastinal, Sinus, Dilatation																3				1	3.0
Lymph Node, Mandibular	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration, Cystic				2											2					6	2.0
Hyperplasia, Lymphoid					2					2	2				2	2				11	2.1
Infiltration Cellular, Plasma Cell	3	2	3	2	2		3	3	2	2	3	2	2	3	2	2	2	2	3	41	2.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	2.0
Hyperplasia, Lymphoid												2								4	2.0
Infiltration Cellular, Plasma Cell																				1	2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation			2		2				1	1	1			2					2	17	1.8
Hyperplasia, Lymphoid																				1	2.0

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\+ ..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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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0056 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Pigmentation			3	2		2	1		2	1		2	1	2	2		1				25	1.9
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	46	
Cyst		X	X	X	X	X	X	X			X	X				X	X	X	X	22	
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolus, Hyperplasia		3	2	3	2	1	2	3	2	2	3	2	3	3	2	3	1	4		43	2.3
Atypical Focus			2		1		1	1		3		1	1			2	1	2		19	1.7
Duct, Dilatation			2																	1	2.0
Galactocele						X													X	4	
Lactation		2	2		2	2				2			2			2	1		1	29	1.8
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation		4			4	2	4	4			4					4	4	3	4	21	3.7
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Osteopetrosis																				1	2.0
Skeletal Muscle																				4	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression					2								3					3		18	2.8
Hemorrhage																		2		1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0056 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				2	2.0
Peripheral Nerve																				2	
Spinal Cord																				0	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia																				1	1.0
Artery, Mineralization		2																		1	2.0
Infiltration Cellular, Histiocyte					1															4	1.5
Inflammation																				2	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body				X																1	
Goblet Cell, Hyperplasia			3																	1	3.0
Inflammation				2																4	1.8
Nasolacrim Dct, Inflammation		2			2		2	1	2		1	2	1	2		1	2	2		29	1.8
Olfactory Epi, Hyaline Droplet																1				3	1.3
Osteopetrosis																				1	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				1	1.0
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Retina, Degeneration		2									2									6	2.3

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CD Rat Female
F1/10PPB TO CTL

DAY ON TEST	757	757	757	757	757	757	757	758	758	761	761	761	761	762	762	762	763	762	763		
ANIMAL ID	0047 1	0047 2	0047 3	0051 6	0051 7	0051 8	0051 9	0056 5	0056 6	0061 7	0061 8	0061 9	0062 0	0066 3	0066 4	0066 5	0072 0	0072 1	0076 9	*TOTALS	
Cataract																				2	
Retina, Degeneration					3		2													3	2.3
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia															1					1	1.0
Infiltration Cellular, Lymphocyte																				1	2.0
Inflammation						1		1								1		1	1	9	1.2
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Hydronephrosis																				1	3.0
Cyst		X					X	X								X				16	
Degeneration, Mucoid																				1	1.0
Epithelium, Pelvis, Hyperplasia																				1	2.0
Hydronephrosis		3																		1	3.0
Mineralization	1	2	2	1	2	2	2	3	1	1	1	2	2	2	1	1	3	2		36	1.7
Nephropathy	1	1	1		1	1	2	1	1	1			1			1				19	1.1
Renal Tubule, Accumulation, Hyaline Droplet																				1	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				1	2.0

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																							2								
Basophilic Focus								X																			X				
Bile Duct, Hyperplasia																			1												
Caudate Lobe, Developmental Malformation																															
Cyst Multilocular																															
Degeneration, Cystic																															
Eosinophilic Focus																			X												
Eosinophilic Focus, Multiple																															
Hematopoietic Cell Proliferation	1																										1				
Hepatodiaphragmatic Nodule																	X														
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active							1								1															1	
Left Lat Lobe, Developmental Malformation																						X									

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Mixed Cell Focus																															
Periportal, Inflammation, Chronic																															1
Vacuolization Cytoplasmic					2						2				2						2	2									
Oral Mucosa					+					+			+																	+	
Keratin Cyst					X								X																	X	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration				2	2	2				2			3	3	1		2			3		2	1				2	1		1	
Inflammation, Chronic																1															
Lipomatosis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic					3																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema					2																										
Inflammation													3																		
Keratin Cyst																															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy				2	2	2					1			1	1	1	1	1	2			1				2		1		1	
Endocardium, Hyperplasia																															
Endocrine System																															

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis		1																													
Atrophy																															
Degeneration, Cystic				2	2	1	1	2	3	2	2	3	2	2	3	3	2	3		2	3	2		3	2	3		2	3	1	2
Hyperplasia																											2				
Hypertrophy				1																											2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia													1																	2	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	M	+	M	+	+	+	+	I	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																				1											
Pars Distalis, Cyst											X																X				
Pars Distalis, Hyperplasia											2																				
Pars Intermed, Cyst											X																				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																													4		
Inflammation, Chronic									2																						
Ultimobranchial Cyst																															

General Body System

NONE

Genital System

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy											3																	2			
Duct, Dilatation											3				2					2	2								2	2	
Duct, Hyperplasia, Squamous																								2							
Hyperplasia																									2	2				2	
Inflammation			1		2		1	2	2	2		1	1	2	1	1	3				3	3	3	3	1		1		1	3	1
Keratin Cyst																												X			
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2			3	4	3	3	3	2	1	3	4	4	1	4	2	4	4	1	2	2		4	4	4		4		4	2
Corpus Luteum, Cyst				X																							X				
Cyst		X			X		X								X														X	X	X
Hyperplasia, Sertoliform		1	2	1	1											2				1		1	1	2		2			3	1	
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cervix, Muscularis, Hypertrophy																															
Endometrium, Hyperplasia											2											1									
Endometrium, Hyperplasia, Cystic	2	1				2					2	2	2	2			2	2						2	4	2	2	2		2	
Hyperplasia, Atypical, Focal							2					1							3					2		2				1	
Inflammation									3				2	3																	
Metaplasia, Squamous																															
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									2						
Inflammation					2	2		1	1	2			2	2	1	1								1				2	1		2

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Mucocyte, Hyperplasia			2	3			2	2	3	2	1		1	2	3	2	2	2		3	3	4	3		2	2	3		2	2	1
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																					2										
Myeloid Cell, Hyperplasia					3																										
Lymph Node							+		+			+						+		+			+								
Inguinal, Degeneration, Cystic									2																						
Inguinal, Hyperplasia, Lymphoid									3																						
Inguinal, Infiltration Cellular, Plasma Cell																							3								
Lumbar, Degeneration, Cystic																				3											
Lumbar, Hyperplasia, Lymphoid												2																			
Lumbar, Infiltration Cellular, Plasma Cell							3					2								2											
Mediastinal, Hemorrhage																		2													
Mediastinal, Infiltration Cellular, Plasma Cell																		2													
Popliteal, Infiltration Cellular, Plasma Cell																		2													
Renal, Degeneration, Cystic												3						2													
Renal, Hyperplasia, Lymphoid												2																			
Renal, Infiltration Cellular, Plasma Cell																		2		3			3								
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic	2															2		2	2										2		2
Hemorrhage													2																		
Hyperplasia, Lymphoid											2																				

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

CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	404	495	511	561	574	593	598	617	620	632	645	652	653	665	667	689	695	696	698	701	702	715	724	728	736	738	742	746	756	756	757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Infiltration Cellular, Plasma Cell	2	2		2	3	3	2	3	2	2	3	2		2	2	2	2	3	2	2		2		3	3	2	2	3	3	2	3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic		3					2				2																				1
Depletion Lymphoid																															
Hyperplasia, Lymphoid							3		2							2					1			2							
Infiltration Cellular, Plasma Cell					2																					2		1			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	1				2																2	1					3				
Pigmentation	2			1		3	2		3	2			2	2		2	3	2	2			1	1	2	3	2		1		2	2
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Cyst						X		X	X	X		X		X							X							X			
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia	1	2		3	1	1	2	1	2		1	1	2		2	1	2		2	2	2	2	2	2	3	2	3	2	3		2
Atypical Focus				2											1							1	1	2	2				1		
Duct, Dilatation						2			2																					2	
Duct, Inflammation																														2	
Fibrosis																														3	
Galactocele									X																						
Lactation				3	2	2	1	1	2			1		2			2		2			2			3						1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	3			2	3			3				4						4		4	4	4	4	4		4				4	

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

CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																									+						
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				3		3		2						2		3	2	3	2		1		3	3	2	3		3		2	
Hydrocephalus						2																									
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage									3																						
Hydrocephalus																								2		1					
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																	2								2						
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Mineralization																															
Edema									2																						
Hemorrhage																															
Infiltration Cellular, Histiocyte							2																					1			2
Infiltration Cellular, Lymphocyte																								1							
Inflammation				2					2																						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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\+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Foreign Body				X																											
Inflammation				2			3																			1					
Nasolacrim Dct, Inflammation			2		2		2		2	2		2		1		2	1	1			2	2		2	2	2	2	2	2	2	2
Olfactory Epi, Hyaline Droplet																										1					
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation								1	2											1							1				
Special Senses System																															
Eye	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration				2																											2
Cornea, Inflammation					2																										
Retina, Degeneration																		1													
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																						1									
Infiltration Cellular, Lymphocyte																					1										
Inflammation																	1													1	1
Zymbal's Gland																						+									
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst															X	X			X												
Infiltration Cellular, Lymphocyte	2																														
Mineralization	1		2	1		1	1	2	2				2	2		1	2	2	1	2	2				1			3	2	2	1
Nephropathy			1	1		1					1			1				1						1			2	1		1	1

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2) Mild 4) Marked

CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	0404	0495	0511	0561	0574	0593	0598	0617	0620	0632	0645	0652	0653	0665	0667	0689	0695	0696	0698	0701	0702	0715	0724	0728	0736	0738	0742	0746	0756	0756	0757
ANIMAL ID	0035	0060	0071	0101	0111	0130	0144	0161	0166	0171	0189	0208	0221	0222	0228	0272	0280	0283	0288	0295	0300	0321	0335	0350	0363	0376	0382	0391	0422	0423	0477
Polycystic Kidney																											2				
Renal Tubule, Hyperplasia, Focal					2																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis		2										2								3	2.0
Basophilic Focus											X		X	X	X					6	
Bile Duct, Hyperplasia			1				1	2	2								2	1	1	8	1.4
Caudate Lobe, Developmental Malformation										X										1	
Cyst Multilocular	X																			1	
Degeneration, Cystic														2						1	2.0
Eosinophilic Focus							X										X			3	
Eosinophilic Focus, Multiple										X										1	
Hematopoietic Cell Proliferation											1									3	1.0
Hepatodiaphragmatic Nodule																				1	
Infiltration Cellular, Lymphocyte				1													1			2	1.0
Inflammation, Chronic Active														1						4	1.0
Left Lat Lobe, Developmental Malformation																				1	

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0048	0049	0055	0056	0057	0071	0072	0024	0025	0026	0027	0028	0071	0072	0073	0074	0073	0024	0071	*TOTALS	
Mixed Cell Focus																X				1	
Periportal, Inflammation, Chronic									1											2	1.0
Vacuolization Cytoplasmic		3	2			2				2		2			1	2			2	13	2.0
Oral Mucosa																				4	
Keratin Cyst																				3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration		2	2	2					1				2	3	2	2	1			23	1.9
Inflammation, Chronic																	1			2	1.0
Lipomatosis						2														1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic																				1	3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema																				1	2.0
Inflammation																				1	3.0
Keratin Cyst															X					1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy			1			1		1		1	1	1	1	1	1	3		2	1	26	1.3
Endocardium, Hyperplasia		2																		1	2.0
Endocrine System																					

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				1	1.0
Atrophy										2										1	2.0
Degeneration, Cystic	2	2	3	2	2	3	2	3	1		1		2	2	2	2	3	1	2	42	2.2
Hyperplasia																				1	2.0
Hypertrophy									2		2						2			5	1.8
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia																				2	1.5
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis																				1	1.0
Pars Distalis, Cyst																				2	
Pars Distalis, Hyperplasia																				1	2.0
Pars Intermed, Cyst																				1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C Cell, Hyperplasia		2		2														4		4	3.0
Inflammation, Chronic																				1	2.0
Ultimobranchial Cyst													3					3		2	3.0

General Body System

NONE

Genital System

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0048	0049	0055	0056	0057	0071	0072	0024	0025	0026	0027	0028	0071	0072	0073	0074	0023	0024	0071	*TOTALS	
Clitoral Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy																				2	2.5
Duct, Dilatation				3				3	2											9	2.3
Duct, Hyperplasia, Squamous	2						2				3							3		5	2.4
Hyperplasia																				3	2.0
Inflammation	3			2	1	2	3	2	2	3	3	4				2	3	3		34	2.1
Keratin Cyst																		X		2	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy		2	2	4	4	2	3		2	2	4	2	2	2	4	3	2	4	2	42	2.9
Corpus Luteum, Cyst																				2	
Cyst	X			X	X	X	X		X			X	X			X			X	17	
Hyperplasia, Sertoliform		2	3		1	2	1	1		2	2	1	2	2	2	1	2	2	3	28	1.7
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cervix, Muscularis, Hypertrophy							X													1	
Endometrium, Hyperplasia					2														2	4	1.8
Endometrium, Hyperplasia, Cystic					2		2				2	4	2		3	2				22	2.2
Hyperplasia, Atypical, Focal					1						1					2				9	1.7
Inflammation																				3	2.7
Metaplasia, Squamous					1															1	1.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	2.0
Inflammation				1		2					2						2		2	18	1.6

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Mucocyte, Hyperplasia	2	2	2	2	1	2	3		2	3	1	3	4	2		2	2		3	39	2.3
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																				1	2.0
Myeloid Cell, Hyperplasia																				1	3.0
Lymph Node				+						+		+			+	+	+		+	13	
Inguinal, Degeneration, Cystic				2																2	2.0
Inguinal, Hyperplasia, Lymphoid				2																2	2.5
Inguinal, Infiltration Cellular, Plasma Cell				3																2	3.0
Lumbar, Degeneration, Cystic										4		3			2				3	5	3.0
Lumbar, Hyperplasia, Lymphoid										3		2			2	2	3		2	7	2.3
Lumbar, Infiltration Cellular, Plasma Cell										3		3			3	3	3		3	9	2.8
Mediastinal, Hemorrhage																				1	2.0
Mediastinal, Infiltration Cellular, Plasma Cell																3				2	2.5
Popliteal, Infiltration Cellular, Plasma Cell																				1	2.0
Renal, Degeneration, Cystic																3				3	2.7
Renal, Hyperplasia, Lymphoid																2				2	2.0
Renal, Infiltration Cellular, Plasma Cell																3				4	2.8
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic						3	3	2						2	4				2	12	2.3
Hemorrhage																				1	2.0
Hyperplasia, Lymphoid				2						2	2					2				5	2.0

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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Infiltration Cellular, Plasma Cell		2	3	3			2	2	2	3	2	2	3	2			2	2	3	41	2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic																2				5	2.0
Depletion Lymphoid												2								1	2.0
Hyperplasia, Lymphoid				2													2			7	2.0
Infiltration Cellular, Plasma Cell			2															2		5	1.8
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation		1	1					2								1		2		10	1.6
Pigmentation	1	1	1	2	2		2	2			1		1			1				30	1.8
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst		X	X		X		X	X		X			X			X			X	17	
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolus, Hyperplasia	1	2	3	2	2	3	4	2	3	3	3	2	3	2	2	3	3	2	3	45	2.2
Atypical Focus	1	2		1	1			2		1	1		3		1	2		1		18	1.4
Duct, Dilatation																2				4	2.0
Duct, Inflammation																				1	2.0
Fibrosis																				1	3.0
Galactocele															X			X		3	
Lactation				2	2					2	3				2	2		2		20	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation		4	4	4		4		4	4	4	4	4	4	4	4	4	4	4	4	29	3.8

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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
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CD Rat Female
F1/50PPB TO CTL

DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression				2			2			2	2									19	2.4
Hydrocephalus																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	3.0
Hydrocephalus																				2	1.5
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus				2																3	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Artery, Mineralization															1					1	1.0
Edema																				1	2.0
Hemorrhage										2										1	2.0
Infiltration Cellular, Histiocyte	2								1		3	2				3				8	2.0
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation	1																			3	1.7
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1/50PPB TO CTL

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ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Foreign Body																				1	
Inflammation			2																3	5	2.2
Nasolacrim Dct, Inflammation	2	2	2	1		1	1		1	2	2			1		2	2		2	33	1.8
Olfactory Epi, Hyaline Droplet																	2			2	1.5
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation												1					1			6	1.2
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Bilateral, Retina, Degeneration	2																			3	2.0
Cornea, Inflammation				1																2	1.5
Retina, Degeneration														1						2	1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia							1			1									1	4	1.0
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation			1	1					1	1	1									8	1.0
Zymbal's Gland																				1	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst	X		X	X			X			X				X						9	
Infiltration Cellular, Lymphocyte																				1	2.0
Mineralization	2	3	3	2	2	2	2	1	2	2	2	2		2	3	3				35	1.9
Nephropathy	1			1		1	1	1		1	1	1					1			20	1.1

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CD Rat Female
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DAY ON TEST	757	757	757	757	757	758	758	762	762	761	761	761	762	762	762	762	763	762	763		
ANIMAL ID	0047 8	0047 9	0052 5	0052 6	0052 7	0057 1	0057 2	0062 4	0062 5	0062 6	0062 7	0062 8	0067 1	0067 2	0067 3	0067 4	0072 3	0072 4	0077 1	*TOTALS	
Polycystic Kidney																				1	2.0
Renal Tubule, Hyperplasia, Focal																				1	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

** END OF REPORT **

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